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IDENTIFIERS *Anchor Test Study; California Achievement Tests; Comprehensive Tests of Basic Skills; Iowa Test of Basic Skills; Metropolitan Achievement Tests; Sequential Tests of Educational Progress; SRA Achievement Series; Stanford Achievement Tests

ABSTRACT

The Anchor Test Study (ATS) provides a method for translating a pupil's score on any one of eight widely used standardized reading tests for Grades 4, 5, and 6 to a corresponding score on any of the other seven tests, as well as furnishing new nationally representative norms for each of the eight tests. In addition, the Study presents new estimates of alternate form reliability for each test, provides estimates of the intercorrelations among the tests, and explores empirically some methodological questions in test-equating. Contained in this volume of the Study are comparisons between ATS norms and test publisher norms, conditional error of equating tables, quality control results, and tables of convergence of equating iterations. Data are reported for Grades 4, 5, and 6 in reading, vocabulary, and total reading for the following seven tests: California Achievement Tests (1970), Comprehensive Tests of Basic Skills (1968), Iowa Test of Basic Skills (1971), Metropolitan Achievement Tests (1970), Sequential Tests of Educational Progress (1969), SRA Achievement Series (1971), and Stanford Achievement Tests (1964). Equating and norming data on the eighth test in the Study, the Gates MacGinitie (1964), are included in volumes 31, 32, and 33 of the ATS. Information on the assignment of tests to schools was eliminated to protect the confidentiality of the data. (RC)

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anchor test study

FINAL REPORT

VOLUME XXX

Norms Comparisons
Conditional Error of Equating
Quality Control Results
Convergence of Equating Iterations

December 1972



EDUCATIONAL TESTING SERVICE
PRINCETON, NEW JERSEY
BERKELEY, CALIFORNIA

TM 003 814

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ORGANIZATION OF VOLUME XXX

NORMS COMPARISONS

CONDITIONAL ERROR OF EQUATING

QUALITY CONTROL RESULTS

TABLES OF CONVERGENCE OF EQUATING ITERATIONS

LIST OF INDIVIDUAL SCORE NORMS COMPARISON TABLES

Tests	Table Numbers		
	Grade 4	Grade 5	Grade 6
CAT	2149	2150	2151
CTBS	2152	2153	2154
ITBS*	2155	2156	2157
MAT	2158	2159	2160
STEP II**	2161	2162	2163
SRA	2164	2165	2166
SAT*	2167	2168	2169

* Norms comparisons for the total reading are not given because test publisher norms are not available.

** Norms comparison for vocabulary and reading comprehension are not given because test publisher norms are not available.

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM A					READING COMPREHENSION LEVEL 3 FORM A					TOTAL READING LEVEL 3 FORM A				
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	
	ATS	PUB			ATS	PUB			ATS	PUB			ATS	PUB
40	99	99	0	42	99	99	0	82	99	99	0	82	99	99
39	99	99	0	41	99	99	0	81	99	99	0	81	99	99
38	99	99	0	40	99	99	0	80	99	99	0	80	99	99
37	98	99	-1	39	99	99	0	79	99	99	0	79	99	99
36	96	98	-2	38	98	99	-1	78	99	99	0	78	99	99
35	95	96	-1	37	97	98	-1	77	99	99	0	77	99	99
34	93	94	-1	36	96	97	-1	76	99	99	0	76	99	99
33	91	92	-1	35	95	95	0	75	99	99	0	75	99	99
32	89	89	0	34	93	94	-1	74	98	99	-1	74	98	99
31	86	86	0	33	91	92	-1	73	98	99	-1	73	98	99
30	84	84	0	32	89	89	0	72	97	98	-1	72	97	98
29	80	80	0	31	87	86	1	71	97	97	0	71	97	97
28	77	77	0	30	84	84	0	70	96	96	0	70	96	96
27	74	73	1	29	81	80	1	69	95	95	0	69	95	95
26	70	69	1	28	77	77	0	68	95	94	1	68	95	94
25	66	66	0	27	74	73	1	67	94	93	1	67	94	93
24	62	62	0	26	70	70	0	66	93	91	2	66	93	91
23	58	58	0	25	66	66	0	65	92	90	2	65	92	90
22	54	54	0	24	62	62	0	64	91	89	2	64	91	89
21	50	49	1	23	57	57	0	63	89	87	2	63	89	87
20	46	46	0	22	52	52	0	62	88	86	2	62	88	86
19	42	42	0	21	47	48	-1	61	87	84	3	61	87	84
18	38	38	0	20	42	44	-2	60	85	82	3	60	85	82
17	35	35	0	19	37	40	-3	59	84	81	3	59	84	81
16	31	31	0	18	33	35	-2	58	82	79	3	58	82	79
15	27	28	-1	17	28	31	-3	57	80	78	2	57	80	78
14	23	24	-1	16	25	27	-2	56	79	76	3	56	79	76
13	19	21	-2	15	21	23	-2	55	77	74	3	55	77	74
12	16	18	-2	14	17	19	-2	54	75	73	2	54	75	73
11	13	15	-2	13	13	15	-2	53	73	71	2	53	73	71
10	10	12	-2	12	10	12	-2	52	71	69	2	52	71	69
9	7	9	-2	11	7	10	-3	51	69	67	2	51	69	67
8	5	7	-2	10	5	7	-2	50	67	65	2	50	67	65
7	4	5	-1	9	3	5	-2	49	65	63	2	49	65	63
6	2	3	-1	8	2	4	-2	48	63	62	1	48	63	62
5	1	2	-1	7	1	2	-1	47	60	59	1	47	60	59
4	1	1	0	6	1	1	-1	46	58	58	0	46	58	58
3	1	1	0	5	1	1	0	45	56	56	0	45	56	56
2	1	1	0	4	1	1	0	44	54	54	0	44	54	54
1	1	1	0	3	1	1	0	43	52	52	0	43	52	52
0	1	1	0	2	1	1	0	42	49	49	-1	42	49	50

CALIFORNIA ACHIEVEMENT TESTS (CA) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM A				READING COMPREHENSION LEVEL 3 FORM A				TOTAL READING LEVEL 3 FORM A			
RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)
ATS	PUB		ATS	PUB		ATS	PUB		ATS	PUB	
1	1	0	1	1	0	41	47	6	47	47	0
0	1	1	1	1	0	40	45	4	45	46	-1
						39	42	3	42	43	-1
						38	40	2	40	41	-1
						37	38	1	38	39	-1
						36	36	0	36	37	-1
						35	34	-1	34	35	-1
						34	32	-2	32	33	-1
						33	29	-4	31	33	-2
						32	27	-5	27	29	-2
						31	25	-6	25	26	-1
						30	22	-8	22	25	-3
						29	20	-9	20	22	-2
						28	18	-10	18	20	-2
						27	16	-11	16	18	-2
						26	15	-11	15	17	-2
						25	13	-12	13	15	-2
						24	12	-12	12	13	-1
						23	10	-13	10	12	-2
						22	8	-14	8	10	-2
						21	7	-14	7	9	-2
						20	6	-14	6	7	-1
						19	4	-15	4	6	-2
						18	3	-15	3	5	-2
						17	2	-15	2	4	-2
						16	2	-14	2	3	-1
						15	1	-14	1	3	-2
						14	1	-13	1	2	-1
						13	1	-12	1	1	0
						12	1	-11	1	1	0
						11	1	-10	1	1	0
						10	1	-9	1	1	0
						9	1	-8	1	1	0
						8	1	-7	1	1	0
						7	1	-6	1	1	0
						6	1	-5	1	1	0
						5	1	-4	1	1	0
						4	1	-3	1	1	0
						3	1	-2	1	1	0
						2	1	-1	1	1	0
						1	1	0	1	1	0

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY
LEVEL 3 FORM AREADING COMPREHENSION
LEVEL 3 FORM ATOTAL READING
LEVEL 3 FORM A

RAW SCORE	ATS	PUB	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB	PERCENTILE RANK	DIFFERENCE (ATS-PUB)
					0	1	1		0

CALIFORNIA ACHIEVEMENT TESTS (C.A.T.) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY
LEVEL 3 FORM ATOTAL READING
LEVEL 3 FORM A

READING VOCABULARY LEVEL 3 FORM A				READING COMPREHENSION LEVEL 3 FORM A				TOTAL READING LEVEL 3 FORM A			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
40	99	99	0	42	99	99	0	82	99	99	0
39	97	97	0	41	99	99	0	81	99	99	0
38	94	93	1	40	98	98	0	80	99	99	0
37	91	89	2	39	97	97	0	79	99	99	0
36	87	85	2	38	95	95	0	78	98	98	0
35	83	80	3	37	93	93	0	77	97	97	0
34	79	76	3	36	90	90	0	76	96	96	0
33	75	72	3	35	87	86	1	75	95	95	0
32	71	68	3	34	84	83	1	74	93	93	0
31	67	64	3	33	80	79	1	73	92	92	0
30	63	61	2	32	76	75	1	72	90	90	0
29	59	57	2	31	72	71	1	71	88	87	1
28	55	53	2	30	67	67	0	70	87	85	2
27	51	49	2	29	63	63	0	69	85	83	2
26	47	46	1	28	58	58	0	68	83	81	2
25	43	43	0	27	54	54	0	67	81	79	2
24	40	39	1	26	49	51	-1	66	78	76	2
23	36	36	0	25	45	41	4	65	76	74	2
22	32	33	-1	24	41	41	0	64	74	72	2
21	29	30	-1	23	36	31	5	63	72	70	2
20	26	27	-1	22	33	34	-1	62	70	68	2
19	24	25	-1	21	28	30	-2	61	68	66	2
18	21	22	-1	20	25	27	-2	60	66	63	3
17	18	20	-2	19	22	24	-2	59	64	62	2
16	16	17	-1	18	19	20	-1	58	62	60	2
15	13	15	-2	17	16	17	-1	57	59	58	1
14	11	13	-2	16	13	15	-2	56	57	56	1
13	9	11	-2	15	11	12	-1	55	54	54	0
12	8	9	-1	14	9	10	-1	54	52	52	0
11	6	7	-1	13	7	8	-1	53	50	50	0
10	5	6	-1	12	6	6	0	52	49	48	0
9	3	4	-1	11	4	5	-1	51	46	46	0
8	2	3	-1	10	3	3	0	50	44	44	0
7	1	2	-1	9	2	3	-1	49	42	43	-1
6	1	1	0	8	1	2	-1	48	40	41	-1
5	1	1	0	7	1	1	0	47	38	39	-1
4	1	1	0	6	1	1	0	46	36	37	-1
3	1	1	0	5	1	1	0	45	34	36	-2
2	1	1	0	4	1	1	0	44	32	34	-2
1	1	1	0	3	1	1	0	43	30	32	-2
0	1	1	0	2	1	1	0	42	29	30	-1

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM A				READING COMPREHENSION LEVEL 3 FORM A				TOTAL READING LEVEL 3 FORM A			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	PUB	RAW SCORE	ATS	RAW SCORE	PUB	RAW SCORE	ATS	RAW SCORE	ATS	RAW SCORE	PUB
1		1	1	1	1	0	0	41	27	28	1
0		0	1	1	1	0	0	40	25	27	-2
								39	24	25	-1
								38	22	24	-2
								37	20	22	-2
								36	19	20	-1
								35	17	19	-2
								34	16	18	-2
								33	15	16	-1
								32	14	15	-1
								31	12	13	-1
								30	11	12	-1
								29	10	11	-1
								28	9	10	-1
								27	8	9	-1
								26	7	8	-1
								25	6	7	-1
								24	5	6	-1
								23	5	5	0
								22	4	5	-1
								21	3	4	-1
								20	3	3	0
								19	2	3	-1
								18	2	2	0
								17	1	2	-1
								16	1	2	-1
								15	1	1	0
								14	1	1	0
								13	1	1	0
								12	1	1	0
								11	1	1	0
								10	1	1	0
								9	1	1	0
								8	1	1	0
								7	1	1	0
								6	1	1	0
								5	1	1	0
								4	1	1	0
								3	1	1	0
								2	1	1	0
								1	1	1	0

CALIFORNIA ACHIEVEMENT TESTS (CAI) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM A				READING COMPREHENSION LEVEL 3 FORM A				TOTAL READING LEVEL 3 FORM A			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
								0	1	1	0

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 4 FORM A				READING COMPREHENSION LEVEL 4 FORM A				TOTAL READING LEVEL 4 FORM A			
RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK	
		ATS	PUB			ATS	PUB			ATS	PUB
		DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)	
40	99	99	99	45	99	99	99	85	99	99	99
39	99	99	99	44	99	99	99	84	99	99	99
38	99	99	99	43	99	99	99	83	99	99	99
37	99	99	99	42	99	99	99	82	99	99	99
36	98	99	99	41	99	99	99	81	99	99	99
35	97	98	99	40	99	99	99	80	99	99	99
34	96	96	99	39	97	99	99	79	99	99	99
33	94	94	99	38	98	98	99	78	99	99	99
32	91	91	99	37	97	97	99	77	99	99	99
31	89	88	99	36	96	96	99	76	99	99	99
30	86	84	99	35	95	95	99	75	99	99	99
29	83	81	99	34	93	93	99	74	99	99	99
28	79	77	99	33	92	92	99	73	99	99	99
27	75	73	99	32	89	89	99	72	98	98	99
26	70	69	99	31	87	87	99	71	98	98	99
25	65	65	99	30	85	85	99	70	97	97	99
24	61	61	99	29	82	82	99	69	96	96	99
23	57	57	99	28	79	79	99	68	95	95	99
22	52	53	99	27	76	76	99	67	94	94	99
21	48	50	99	26	73	73	99	66	94	94	99
20	44	46	99	25	69	69	99	65	92	92	99
19	41	43	99	24	65	65	99	64	91	91	99
18	37	39	99	23	61	61	99	63	90	90	99
17	33	36	99	22	57	57	99	62	89	89	99
16	30	32	99	21	53	53	99	61	88	88	99
15	26	29	99	20	48	48	99	60	87	86	99
14	23	25	99	19	44	44	99	59	85	85	99
13	19	22	99	18	39	39	99	58	84	84	99
12	16	18	99	17	34	34	99	57	82	81	99
11	13	15	99	16	28	28	99	56	81	80	99
10	10	12	99	15	23	23	99	55	79	78	99
9	8	9	99	14	19	19	99	54	77	76	99
8	6	7	99	13	14	14	99	53	75	74	99
7	4	4	99	12	10	10	99	52	73	72	99
6	3	3	99	11	7	7	99	51	71	70	99
5	2	2	99	10	4	4	99	50	69	68	99
4	1	1	99	9	3	3	99	49	66	66	99
3	1	1	99	8	1	1	99	48	64	64	99
2	1	1	99	7	1	1	99	47	62	62	99
1	1	1	99	6	1	1	99	46	60	60	99
0	1	1	99	5	1	1	99	45	57	58	99

TABLE 2151. ANCHOR TEST RESTANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 6

PAGE 2

CALIFORNIA ACHIEVEMENT TESTS (CAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 4 FORM A				READING COMPREHENSION LEVEL 4 FORM A				TOTAL READING LEVEL 4 FORM A			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	RAW SCORE	ATS	PUB	DIFFERENCE
44	1	1	44	1	1	44	1	44	55	56	-1
43	1	1	43	1	1	43	1	43	53	54	-1
42	1	1	42	1	1	42	1	42	51	52	-1
41	1	1	41	1	1	41	1	41	48	50	-2
40	1	1	40	1	1	40	1	40	46	48	-2
39	1	1	39	1	1	39	1	39	44	47	-3
38	1	1	38	1	1	38	1	38	42	45	-3
37	1	1	37	1	1	37	1	37	40	43	-3
36	1	1	36	1	1	36	1	36	37	40	-3
35	1	1	35	1	1	35	1	35	35	38	-3
34	1	1	34	1	1	34	1	34	33	36	-3
33	1	1	33	1	1	33	1	33	31	34	-3
32	1	1	32	1	1	32	1	32	29	32	-3
31	1	1	31	1	1	31	1	31	27	29	-2
30	1	1	30	1	1	30	1	30	24	27	-3
29	1	1	29	1	1	29	1	29	22	24	-2
28	1	1	28	1	1	28	1	28	20	22	-2
27	1	1	27	1	1	27	1	27	18	20	-2
26	1	1	26	1	1	26	1	26	16	17	-1
25	1	1	25	1	1	25	1	25	14	15	-1
24	1	1	24	1	1	24	1	24	12	13	-1
23	1	1	23	1	1	23	1	23	10	11	-1
22	1	1	22	1	1	22	1	22	8	9	-1
21	1	1	21	1	1	21	1	21	7	8	-1
20	1	1	20	1	1	20	1	20	5	6	-1
19	1	1	19	1	1	19	1	19	4	5	-1
18	1	1	18	1	1	18	1	18	3	4	-1
17	1	1	17	1	1	17	1	17	2	3	-1
16	1	1	16	1	1	16	1	16	2	2	0
15	1	1	15	1	1	15	1	15	1	2	-1
14	1	1	14	1	1	14	1	14	1	1	0
13	1	1	13	1	1	13	1	13	1	1	0
12	1	1	12	1	1	12	1	12	1	1	0
11	1	1	11	1	1	11	1	11	1	1	0
10	1	1	10	1	1	10	1	10	1	1	0
9	1	1	9	1	1	9	1	9	1	1	0
8	1	1	8	1	1	8	1	8	1	1	0
7	1	1	7	1	1	7	1	7	1	1	0
6	1	1	6	1	1	6	1	6	1	1	0
5	1	1	5	1	1	5	1	5	1	1	0
4	1	1	4	1	1	4	1	4	1	1	0

CALIFORNIA ACHIEVEMENT TESTS (CAF) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 4 FORM A				READING COMPREHENSION LEVEL 4 FORM A				TOTAL READING LEVEL 4 FORM A			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
3				3	1	1		3	1	1	0
2				2	1	1		2	1	1	0
1				1	1	1		1	1	1	0
0				0	1	1		0	1	1	0

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 2 FORM Q				READING COMPREHENSION LEVEL 2 FORM Q				TOTAL READING LEVEL 2 FORM Q			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB
40	99	99	45	99	99	0	99	99	85	99	99
39	99	99	44	99	99	0	99	99	84	99	99
38	98	99	43	99	99	-1	99	99	83	99	99
37	97	98	42	99	99	-1	99	99	82	99	99
36	95	96	41	97	98	-1	97	99	81	99	99
35	93	94	40	96	96	-1	96	99	80	99	99
34	91	91	39	94	94	0	94	99	79	99	99
33	87	88	38	91	91	0	91	98	78	98	98
32	84	84	37	89	88	1	89	98	77	98	98
31	80	80	36	86	85	1	86	97	76	97	97
30	77	76	35	82	81	1	82	96	75	96	96
29	72	72	34	79	78	1	79	95	74	95	95
28	68	68	33	76	74	2	76	94	73	94	94
27	64	64	32	72	70	2	72	93	72	92	92
26	60	60	31	69	67	2	69	91	71	91	91
25	55	56	30	65	64	1	65	90	70	89	89
24	51	53	29	62	60	2	62	88	69	88	88
23	47	49	28	59	57	2	59	86	68	86	86
22	44	45	27	56	54	2	56	84	67	84	84
21	40	41	26	53	51	2	53	83	66	82	82
20	37	38	25	50	48	2	50	81	65	80	80
19	33	35	24	47	45	2	47	79	64	78	78
18	30	31	23	43	41	2	43	77	63	76	76
17	27	29	22	40	39	1	40	75	62	74	74
16	25	26	21	37	36	1	37	73	61	72	72
15	20	23	20	34	34	0	34	71	60	70	70
14	17	21	19	31	31	0	31	69	59	68	68
13	14	18	18	28	29	-1	28	67	58	66	66
12	11	15	17	25	26	-1	25	66	57	65	65
11	9	13	16	22	23	-1	22	64	56	63	63
10	7	10	15	19	20	-1	19	62	55	61	61
9	5	7	14	15	17	-2	15	60	54	59	59
8	4	5	13	12	14	-2	12	58	53	58	58
7	2	4	12	9	11	-2	9	56	52	56	56
6	2	3	11	7	8	-1	7	54	51	54	54
5	1	2	10	5	5	-1	5	52	50	53	53
4	1	1	9	3	3	0	3	49	49	51	51
3	1	1	8	2	1	-1	2	48	48	49	49
2	1	1	7	1	1	-1	1	47	47	48	48
1	1	1	6	1	1	0	1	46	46	45	45
0	1	1	5	1	1	0	1	45	45	43	43

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 2 FORM Q				READING COMPREHENSION LEVEL 2 FORM Q				TOTAL READING LEVEL 2 FORM Q			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
4	1	1	0	44	42	43	-1	44	42	43	-1
3	1	1	0	43	40	41	-1	43	40	41	-1
2	1	1	0	42	38	40	-2	42	38	40	-2
1	1	1	0	41	37	38	-1	41	37	38	-1
0	1	1	0	40	35	36	-1	40	35	36	-1
				39	35	35	-2	39	35	35	-2
				38	32	33	-1	38	32	33	-1
				37	30	31	-1	37	30	31	-1
				36	28	30	-2	36	28	30	-2
				35	27	29	-2	35	27	29	-2
				34	25	27	-2	34	25	27	-2
				33	23	25	-2	33	23	25	-2
				32	22	24	-2	32	22	24	-2
				31	20	23	-3	31	20	23	-3
				30	18	21	-3	30	18	21	-3
				29	17	19	-2	29	17	19	-2
				28	15	18	-3	28	15	18	-3
				27	14	17	-3	27	14	17	-3
				26	12	15	-3	26	12	15	-3
				25	11	13	-2	25	11	13	-2
				24	9	12	-3	24	9	12	-3
				23	8	10	-2	23	8	10	-2
				22	6	9	-3	22	6	9	-3
				21	5	7	-2	21	5	7	-2
				20	4	6	-2	20	4	6	-2
				19	3	5	-2	19	3	5	-2
				18	2	4	-2	18	2	4	-2
				17	2	3	-1	17	2	3	-1
				16	1	2	-1	16	1	2	-1
				15	1	2	-1	15	1	2	-1
				14	1	1	0	14	1	1	0
				13	1	1	0	13	1	1	0
				12	1	1	0	12	1	1	0
				11	1	1	0	11	1	1	0
				10	1	1	0	10	1	1	0
				9	1	1	0	9	1	1	0
				8	1	1	0	8	1	1	0
				7	1	1	0	7	1	1	0
				6	1	1	0	6	1	1	0
				5	1	1	0	5	1	1	0
				4	1	1	0	4	1	1	0

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 2 FORM Q				READING COMPREHENSION LEVEL 2 FORM Q				TOTAL READING LEVEL 2 FORM Q			
PERCENTILE RANK				PERCENTILE RANK				PERCENTILE RANK			
RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)
40	99	99	0	45	99	99	0	85	99	99	0
39	98	97	1	44	99	99	0	84	99	99	0
38	95	94	1	43	99	98	1	83	99	99	0
37	92	89	3	42	97	96	1	82	99	99	0
36	87	85	2	41	94	93	1	81	97	98	1
35	8	80	2	40	91	90	1	80	95	96	2
34	77	74	3	39	87	85	2	79	97	95	2
33	72	69	3	38	83	80	3	78	95	93	2
32	66	64	2	37	78	75	3	77	93	91	2
31	61	59	2	36	73	71	2	76	91	89	2
30	56	55	1	35	68	66	2	75	89	86	3
29	51	51	0	34	63	62	1	74	86	84	2
28	47	47	0	33	57	57	0	73	84	82	2
27	43	43	0	32	55	54	1	72	81	79	2
26	39	40	-1	31	52	50	2	71	79	77	2
25	36	37	-1	30	48	47	1	70	76	74	2
24	32	34	-2	29	45	44	1	69	73	72	1
23	28	30	-2	28	42	41	1	68	70	69	1
22	25	27	-2	27	38	38	0	67	68	66	2
21	23	25	-2	26	36	35	1	66	66	64	2
20	20	22	-2	25	33	33	0	65	63	61	2
19	18	20	-2	24	30	30	0	64	61	59	2
18	16	18	-2	23	28	27	1	63	58	56	2
17	14	16	-2	22	26	25	1	62	56	54	2
16	12	14	-2	21	23	23	0	61	54	52	2
15	10	12	-2	20	21	21	0	60	52	50	2
14	9	11	-2	19	19	19	0	59	50	48	2
13	7	9	-2	18	17	17	0	58	48	46	2
12	6	8	-2	17	15	15	0	57	46	45	1
11	4	6	-2	16	13	14	-1	56	44	43	1
10	4	5	-1	15	11	12	-1	55	42	41	1
9	3	4	-1	14	9	10	-1	54	41	40	1
8	2	3	-1	13	7	8	-1	53	39	38	1
7	1	2	-1	12	5	6	-1	52	37	36	1
6	1	1	0	11	4	4	0	51	35	35	0
5	1	1	0	10	3	3	0	50	34	34	0
4	1	1	0	9	2	2	0	49	32	32	0
3	1	1	0	8	1	1	0	48	30	31	-1
2	1	1	0	7	1	1	0	47	29	30	-1
1	1	1	0	6	1	1	0	46	28	28	0
0	1	1	0	5	1	1	0	45	26	27	-1

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 2 FORM Q				READING COMPREHENSION LEVEL 2 FORM Q				TOTAL READING LEVEL 2 FORM Q			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
4	1	1	0	44	25	26	-1	44	25	26	-1
3	1	1	0	43	24	25	-1	43	24	25	-1
2	1	1	0	42	22	24	-2	42	22	24	-2
1	1	1	0	41	21	22	-1	41	21	22	-1
0	1	1	0	40	20	21	-1	40	20	21	-1
	1	1	0	39	19	20	-1	39	19	20	-1
				38	18	19	-1	38	18	19	-1
				37	17	18	-1	37	17	18	-1
				36	16	17	-1	36	16	17	-1
				35	15	16	-1	35	15	16	-1
				34	14	15	-1	34	14	15	-1
				33	13	14	-1	33	13	14	-1
				32	12	13	-1	32	12	13	-1
				31	11	12	-1	31	11	12	-1
				30	10	11	-1	30	10	11	-1
				29	9	10	-1	29	9	10	-1
				28	8	9	-1	28	8	9	-1
				27	7	9	-2	27	7	9	-2
				26	6	8	-2	26	6	8	-2
				25	5	7	-2	25	5	7	-2
				24	5	6	-1	24	5	6	-1
				23	4	5	-1	23	4	5	-1
				22	3	4	-1	22	3	4	-1
				21	3	3	0	21	3	3	0
				20	2	3	-1	20	2	3	-1
				19	2	2	0	19	2	2	0
				18	1	2	-1	18	1	2	-1
				17	1	1	0	17	1	1	0
				16	1	1	0	16	1	1	0
				15	1	1	0	15	1	1	0
				14	1	1	0	14	1	1	0
				13	1	1	0	13	1	1	0
				12	1	1	0	12	1	1	0
				11	1	1	0	11	1	1	0
				10	1	1	0	10	1	1	0
				9	1	1	0	9	1	1	0
				8	1	1	0	8	1	1	0
				7	1	1	0	7	1	1	0
				6	1	1	0	6	1	1	0
				5	1	1	0	5	1	1	0
				4	1	1	0	4	1	1	0

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM Q				READING COMPREHENSION LEVEL 3 FORM Q				TOTAL READING LEVEL 3 FORM Q			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
40	99	99	0	45	99	99	0	85	99	99	0
39	99	99	0	44	99	99	0	84	99	99	0
38	99	99	0	43	99	99	0	83	99	99	0
37	98	98	0	42	99	99	0	82	99	99	0
36	97	96	1	41	99	98	1	81	99	99	0
35	95	95	1	40	98	97	1	80	98	99	0
34	94	92	2	39	97	96	1	79	99	99	0
33	92	90	2	38	95	94	1	78	99	99	0
32	90	88	2	37	93	92	1	77	99	98	1
31	87	85	2	36	91	89	2	76	98	97	1
30	85	82	3	35	89	86	3	75	97	97	0
29	82	78	4	34	86	82	4	74	97	96	1
28	79	75	4	33	83	79	4	73	96	95	1
27	75	72	3	32	79	75	4	72	95	94	1
26	71	68	3	31	76	71	5	71	95	93	2
25	68	65	3	30	73	67	6	70	94	92	2
24	64	61	3	29	69	64	5	69	92	90	2
23	60	57	3	28	65	60	5	68	91	89	2
22	57	53	4	27	61	56	5	67	90	88	2
21	52	50	2	26	57	52	5	66	89	86	3
20	49	46	3	25	53	48	5	65	88	85	3
19	45	42	3	24	49	44	5	64	87	83	4
18	40	39	1	23	46	40	6	63	85	81	4
17	36	35	1	22	42	36	6	62	84	80	4
16	32	32	0	21	39	33	6	61	82	78	4
15	29	28	1	20	35	29	6	60	80	76	4
14	25	24	1	19	31	26	5	59	79	74	5
13	21	21	0	18	28	24	4	58	77	72	5
12	18	18	0	17	24	21	3	57	75	70	5
11	14	14	0	16	21	18	3	56	73	69	4
10	11	11	0	15	18	16	2	55	71	67	4
9	8	8	0	14	14	13	1	54	69	65	4
8	6	6	0	13	11	10	1	53	67	63	4
7	4	4	0	12	8	8	0	52	64	61	3
6	2	2	0	11	6	6	0	51	62	59	3
5	1	1	0	10	4	4	0	50	61	57	4
4	1	1	0	9	2	2	1	49	59	55	4
3	1	1	0	8	1	1	1	48	57	53	4
2	1	1	0	7	1	1	0	47	55	51	4
1	1	1	0	6	1	1	0	46	52	49	3
0	1	1	0	5	1	1	0	45	51	47	4

COMPREHENSIVE TESTS OF BASIC SKILLS (CTBS) READING, 1968 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

READING VOCABULARY LEVEL 3 FORM Q				READING COMPREHENSION LEVEL 3 FORM Q				TOTAL READING LEVEL 3 FORM Q			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
44	1	1	0	44	1	1	0	44	49	45	4
43	1	1	0	43	1	1	0	43	47	43	4
42	1	1	0	42	1	1	0	42	45	41	4
41	1	1	0	41	1	1	0	41	43	39	4
40	1	1	0	40	1	1	0	40	41	37	4
39	1	1	0	39	1	1	0	39	40	36	4
38	1	1	0	38	1	1	0	38	38	34	4
37	1	1	0	37	1	1	0	37	36	32	4
36	1	1	0	36	1	1	0	36	34	30	4
35	1	1	0	35	1	1	0	35	32	29	3
34	1	1	0	34	1	1	0	34	30	27	3
33	1	1	0	33	1	1	0	33	28	26	2
32	1	1	0	32	1	1	0	32	26	24	2
31	1	1	0	31	1	1	0	31	24	22	2
30	1	1	0	30	1	1	0	30	22	21	1
29	1	1	0	29	1	1	0	29	20	19	1
28	1	1	0	28	1	1	0	28	18	17	1
27	1	1	0	27	1	1	0	27	16	16	0
26	1	1	0	26	1	1	0	26	14	14	0
25	1	1	0	25	1	1	0	25	13	12	1
24	1	1	0	24	1	1	0	24	11	11	0
23	1	1	0	23	1	1	0	23	9	9	0
22	1	1	0	22	1	1	0	22	8	8	0
21	1	1	0	21	1	1	0	21	7	6	1
20	1	1	0	20	1	1	0	20	5	5	0
19	1	1	0	19	1	1	0	19	4	4	0
18	1	1	0	18	1	1	0	18	3	3	0
17	1	1	0	17	1	1	0	17	2	2	0
16	1	1	0	16	1	1	0	16	2	2	0
15	1	1	0	15	1	1	0	15	1	1	0
14	1	1	0	14	1	1	0	14	1	1	0
13	1	1	0	13	1	1	0	13	1	1	0
12	1	1	0	12	1	1	0	12	1	1	0
11	1	1	0	11	1	1	0	11	1	1	0
10	1	1	0	10	1	1	0	10	1	1	0
9	1	1	0	9	1	1	0	9	1	1	0
8	1	1	0	8	1	1	0	8	1	1	0
7	1	1	0	7	1	1	0	7	1	1	0
6	1	1	0	6	1	1	0	6	1	1	0
5	1	1	0	5	1	1	0	5	1	1	0
4	1	1	0	4	1	1	0	4	1	1	0

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY LEVEL 10 FORM 5				READING COMPREHENSION LEVEL 10 FORM 5				TOTAL READING LEVEL 10 FORM 5			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
27	41	31	2	27	41	31	2	27	41	31	2
26	39	36	3	26	39	36	3	26	39	36	3
25	36	34	2	25	36	34	2	25	36	34	2
24	34	32	2	24	34	32	2	24	34	32	2
23	31	29	2	23	31	29	2	23	31	29	2
22	29	25	4	22	29	25	4	22	29	25	4
21	25	23	2	21	25	23	2	21	25	23	2
20	22	21	1	20	22	21	1	20	22	21	1
19	18	17	1	19	18	17	1	19	18	17	1
18	15	14	1	18	15	14	1	18	15	14	1
17	12	10	2	17	12	10	2	17	12	10	2
16	10	7	3	16	10	7	3	16	10	7	3
15	7	5	2	15	7	5	2	15	7	5	2
14	5	3	2	14	5	3	2	14	5	3	2
13	3	2	1	13	3	2	1	13	3	2	1
12	2	1	1	12	2	1	1	12	2	1	1
11	2	1	1	11	2	1	1	11	2	1	1
10	1	1	0	10	1	1	0	10	1	1	0
9	1	1	0	9	1	1	0	9	1	1	0
8	1	1	0	8	1	1	0	8	1	1	0
7	1	1	0	7	1	1	0	7	1	1	0
6	1	1	0	6	1	1	0	6	1	1	0
5	1	1	0	5	1	1	0	5	1	1	0
4	1	1	0	4	1	1	0	4	1	1	0
3	1	1	0	3	1	1	0	3	1	1	0
2	1	1	0	2	1	1	0	2	1	1	0
1	1	1	0	1	1	1	0	1	1	1	0
0	1	1	0	0	1	1	0	0	1	1	0

TABLE 2156. ANCHOR YES TEST STANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 5

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

TOTAL READING
LEVEL 11 FORM 5READING COMPREHENSION
LEVEL 11 FORM 5VOCABULARY
LEVEL 11 FORM 5

RAW SCORE		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		RAW SCORE		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		RAW SCORE		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB
43	99	99	99	0	0	74	99	99	99	0	0	74	99	99	99	0	0
42	99	99	99	0	0	73	99	99	99	0	0	73	99	99	99	0	0
41	99	97	99	2	0	72	99	99	99	0	0	72	99	99	99	0	0
40	97	96	99	1	0	71	99	99	99	0	0	71	99	99	99	0	0
39	95	93	99	2	0	70	99	99	99	0	0	70	99	99	99	0	0
38	93	90	99	3	0	69	99	99	99	0	0	69	99	99	99	0	0
37	90	87	99	3	0	68	99	99	99	0	0	68	99	99	99	0	0
36	87	84	99	3	0	67	99	99	99	0	0	67	99	99	99	0	0
35	83	80	99	3	0	66	99	99	99	0	0	66	99	99	99	0	0
34	80	76	99	4	0	65	99	99	99	0	0	65	99	99	99	0	0
33	77	72	99	5	0	64	99	99	99	0	0	64	99	99	99	0	0
32	73	70	99	3	0	63	99	99	99	0	0	63	99	99	99	0	0
31	69	65	99	4	0	62	99	99	99	0	0	62	99	99	99	0	0
30	66	62	99	4	0	61	99	99	99	0	0	61	99	99	99	0	0
29	63	60	99	3	0	60	99	99	99	0	0	60	99	99	99	0	0
28	61	57	99	4	0	59	99	99	99	0	0	59	99	99	99	0	0
27	58	52	99	6	0	58	99	99	99	0	0	58	99	99	99	0	0
26	55	49	99	6	0	57	99	99	99	0	0	57	99	99	99	0	0
25	52	47	99	5	0	56	99	99	99	0	0	56	99	99	99	0	0
24	49	44	99	5	0	55	99	99	99	0	0	55	99	99	99	0	0
23	46	42	99	4	0	54	99	99	99	0	0	54	99	99	99	0	0
22	44	40	99	4	0	53	99	99	99	0	0	53	99	99	99	0	0
21	41	38	99	3	0	52	99	99	99	0	0	52	99	99	99	0	0
20	38	33	99	5	0	51	99	99	99	0	0	51	99	99	99	0	0
19	36	31	99	5	0	50	99	99	99	0	0	50	99	99	99	0	0
18	33	29	99	4	0	49	99	99	99	0	0	49	99	99	99	0	0
17	30	25	99	4	0	48	99	99	99	0	0	48	99	99	99	0	0
16	27	23	99	4	0	47	99	99	99	0	0	47	99	99	99	0	0
15	24	19	99	5	0	46	99	99	99	0	0	46	99	99	99	0	0
14	20	16	99	4	0	45	99	99	99	0	0	45	99	99	99	0	0
13	17	13	99	4	0	44	99	99	99	0	0	44	99	99	99	0	0
12	13	11	99	2	0	43	99	99	99	0	0	43	99	99	99	0	0
11	10	7	99	3	0	42	99	99	99	0	0	42	99	99	99	0	0
10	8	5	99	3	0	41	99	99	99	0	0	41	99	99	99	0	0
9	6	3	99	3	0	39	99	99	99	0	0	39	99	99	99	0	0
8	4	2	99	2	0	38	99	99	99	0	0	38	99	99	99	0	0
7	3	1	99	1	0	37	99	99	99	0	0	37	99	99	99	0	0
6	2	1	99	1	0	36	99	99	99	0	0	36	99	99	99	0	0
5	1	1	99	0	0	35	99	99	99	0	0	35	99	99	99	0	0
4	1	1	99	0	0	34	99	99	99	0	0	34	99	99	99	0	0
3	1	1	99	0	0	33	99	99	99	0	0	33	99	99	99	0	0

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY
LEVEL 11 FORM 5READING COMPREHENSION
LEVEL 11 FORM 5TOTAL READING
LEVEL 11 FORM 5

RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
2	1	1	0	33	44	31	5				
1	1	1	0	32	42	37	5				
0	1	1	0	31	40	35	5				
				30	37	32	5				
				29	35	30	5				
				28	33	28	5				
				27	31	26	5				
				26	28	24	4				
				25	26	20	6				
				24	23	18	5				
				23	21	16	5				
				22	18	14	4				
				21	15	11	4				
				20	13	8	5				
				19	11	6	5				
				18	9	5	4				
				17	7	4	3				
				16	6	3	3				
				15	4	2	2				
				14	3	2	1				
				13	2	1	1				
				12	2	1	1				
				11	1	1	0				
				10	1	1	0				
				9	1	1	0				
				8	1	1	0				
				7	1	1	0				
				6	1	1	0				
				5	1	1	0				
				4	1	1	0				
				3	1	1	0				
				2	1	1	0				
				1	1	1	0				
				0	1	1	0				

IOWA TEST OF BASIC SKILLS (ITBS) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY				READING COMPREHENSION				TOTAL READING			
LEVEL 12 FORM 5				LEVEL 12 FORM 5				LEVEL 12 FORM 5			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
5	1	1	0	35	54	53	4				
4	1	1	0	34	52	47	5				
3	1	1	0	33	50	45	5				
2	1	1	0	32	48	43	5				
1	1	1	0	31	45	41	4				
0	1	1	0	30	43	39	4				
				29	41	37	4				
				28	38	34	4				
				27	36	32	4				
				26	33	28	5				
				25	30	26	4				
				24	27	22	5				
				23	24	20	4				
				22	21	17	4				
				21	18	15	3				
				20	15	12	3				
				19	12	10	2				
				18	9	8	1				
				17	7	5	1				
				16	5	4	1				
				15	4	3	1				
				14	3	2	1				
				13	2	2	0				
				12	2	1	1				
				11	1	1	0				
				10	1	1	0				
				9	1	1	0				
				8	1	1	0				
				7	1	1	0				
				6	1	1	0				
				5	1	1	0				
				4	1	1	0				
				3	1	1	0				
				2	1	1	0				
				1	1	1	0				
				0	1	1	0				

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE ELEMENTARY FORM F				READING (COMPREHENSION) ELEMENTARY FORM F				TOTAL READING ELEMENTARY FORM F			
RAW SCORE		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		RAW SCORE		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB	ATS	PUB
50	99	99	99	0	0	45	99	99	99	95	99
49	98	98	98	0	0	44	99	99	99	94	99
48	95	95	94	1	0	43	98	98	99	93	99
47	91	90	90	1	0	42	96	96	99	92	99
46	85	84	84	1	0	41	93	92	98	91	98
45	80	78	78	2	0	40	90	89	97	90	96
44	74	74	74	0	0	39	86	86	96	89	94
43	69	65	65	3	0	38	82	80	94	88	92
42	64	62	62	2	0	37	78	76	92	87	89
41	60	56	56	4	0	36	75	72	90	86	88
40	56	52	52	4	0	35	71	68	87	85	84
39	52	48	48	4	0	34	68	64	85	84	83
38	49	44	44	5	0	33	64	60	82	80	80
37	46	40	40	6	0	32	61	56	82	80	77
36	43	36	36	7	0	31	58	52	78	76	76
35	40	36	36	4	0	30	55	50	76	72	72
34	38	32	32	6	0	29	52	46	73	70	70
33	35	30	30	5	0	28	49	44	71	68	68
32	33	26	26	7	0	27	46	40	69	66	66
31	31	24	24	5	0	26	43	38	67	62	62
30	29	22	22	5	0	25	40	34	65	60	60
29	27	20	20	5	0	24	37	30	63	60	60
28	26	20	20	6	0	23	34	28	61	56	56
27	24	18	18	6	0	22	31	26	59	54	54
26	22	18	18	4	0	21	29	22	57	50	50
25	21	16	16	5	0	20	26	20	55	50	50
24	19	14	14	3	0	19	23	16	54	48	48
23	18	14	14	4	0	18	20	14	52	46	46
22	17	12	12	5	0	17	18	12	50	45	45
21	15	12	12	3	0	16	15	10	49	42	42
20	14	10	10	4	0	15	13	8	47	40	40
19	12	9	9	3	0	14	11	7	46	40	40
18	11	8	8	3	0	13	9	6	44	38	38
17	10	6	6	4	0	12	7	4	43	36	36
16	8	5	5	3	0	11	5	2	41	36	36
15	7	4	4	3	0	10	4	2	40	32	32
14	6	3	3	3	0	9	2	1	39	32	32
13	5	2	2	3	0	8	2	1	37	30	30
12	4	2	2	2	0	7	1	1	36	30	30
11	3	2	2	1	0	6	1	1	35	28	28
10	2	1	1	1	0	5	1	1	34	28	28

TABLE 2159. ANCHOR TEST STANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 4

PAGE 2

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE ELEMENTARY FORM F				READING (COMPREHENSION) ELEMENTARY FORM F				TOTAL READING ELEMENTARY FORM F			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUR	RAW SCORE	ATS	PUB	RAW SCORE	ATS	RAW SCORE	ATS	PUB	
9	2	1	1	1	1	4	1	54	32	24	8
8	1	1	0	1	1	3	1	53	31	24	7
7	1	1	0	1	1	2	1	52	30	24	6
6	1	1	0	1	1	1	1	51	29	22	7
5	1	1	0	1	1	0	1	50	28	22	6
4	1	1	0	1	1	0	1	49	26	20	6
3	1	1	0	1	1	0	1	48	25	20	5
2	1	1	0	1	1	0	1	47	24	20	4
1	1	1	0	1	1	0	1	46	23	18	5
0	1	1	0	1	1	0	1	45	22	18	4
								44	21	16	5
								43	20	16	4
								42	19	14	5
								41	18	14	4
								40	17	12	5
								39	16	12	4
								38	15	11	4
								37	15	11	4
								36	14	10	4
								35	13	10	3
								34	12	8	4
								33	11	8	3
								32	10	7	3
								31	9	6	3
								30	8	6	3
								29	6	5	3
								28	7	4	3
								27	6	4	2
								26	5	2	3
								25	5	2	3
								24	4	2	2
								23	3	2	1
								22	3	2	1
								21	2	1	1
								20	2	1	1
								19	1	1	0
								18	1	1	0
								17	1	1	0
								16	1	1	0
								15	1	1	0
								14	1	1	0

METROPOLITAN ACHIEVEMENT (MAI) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE
ELEMENTARY FORM FREADING (COMPREHENSION)
ELEMENTARY FORM FTOTAL READING
ELEMENTARY FORM F

PERCENTILE RANK			DIFFERENCE (ATS-PUB)			RAW SCORE			PERCENTILE RANK			DIFFERENCE (ATS-PUB)		
RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)	RAW SCORE	ATS	PUB
								13	1	1	0			
								12	1	1	0			
								11	1	1	0			
								10	1	1	0			
								9	1	1	0			
								8	1	1	0			
								7	1	1	0			
								6	1	1	0			
								5	1	1	0			
								4	1	1	0			
								3	1	1	0			
								2	1	1	0			
								1	1	1	0			
								0	1	1	0			

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE INTERMEDIATE FORM F				READING (COMPREHENSION) INTERMEDIATE FORM F				TOTAL READING INTERMEDIATE FORM F			
RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK	
		ATS	PUB			ATS	PUB				
		DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)	
50	99	99	99	43	97	99	99	95	99	99	99
49	99	99	99	44	99	99	99	94	99	99	99
48	99	99	99	45	99	99	99	93	99	99	99
47	98	98	98	46	99	99	98	92	99	99	99
46	97	96	96	47	98	96	96	91	99	99	99
45	95	94	94	48	96	94	94	90	99	99	99
44	93	92	92	49	94	92	92	89	99	99	99
43	91	90	90	50	92	90	90	88	98	98	98
42	89	88	88	51	89	88	88	87	93	93	93
41	86	84	84	52	87	86	86	86	97	97	97
40	84	82	82	53	84	82	82	85	96	96	96
39	81	80	80	54	81	80	80	84	96	96	96
38	78	77	77	55	78	77	77	83	95	95	95
37	75	74	74	56	74	74	74	82	94	94	94
36	72	70	70	57	71	70	70	81	92	92	92
35	68	68	68	58	68	66	66	80	91	91	91
34	65	66	66	59	65	66	66	79	90	90	90
33	62	62	62	60	61	60	60	78	89	89	89
32	59	58	58	61	58	56	56	77	87	87	87
31	55	56	56	62	55	54	54	76	86	86	86
30	52	52	52	63	51	50	50	75	85	85	85
29	49	50	50	64	48	46	46	74	83	83	83
28	46	46	46	65	44	42	42	73	82	82	82
27	43	42	42	66	41	40	40	72	80	80	80
26	40	40	40	67	37	36	36	71	79	79	79
25	37	36	36	68	34	32	32	70	77	77	77
24	34	34	34	69	31	30	30	69	75	75	75
23	31	30	30	70	27	26	26	68	74	74	74
22	28	28	28	71	24	24	24	67	72	72	72
21	25	24	24	72	21	22	22	66	71	71	71
20	22	20	20	73	18	18	18	65	69	69	69
19	19	18	18	74	15	16	16	64	67	67	67
18	16	16	16	75	12	12	12	63	66	66	66
17	13	14	14	76	9	10	10	62	64	64	64
16	10	11	11	77	7	8	8	61	62	62	62
15	7	10	10	78	5	5	5	60	60	60	60
14	4	8	8	79	3	3	3	59	59	59	59
13	1	6	6	80	2	2	2	58	57	57	57
12	0	4	4	81	1	1	1	57	55	55	55
11	0	2	2	82	1	1	1	56	54	54	54
10	0	1	1	83	1	1	1	55	52	52	52

METROPOLITAN ACHIEVEMENT (MAT) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE INTERMEDIATE FORM F				READING (COMPREHENSION) INTERMEDIATE FORM F				TOTAL READING INTERMEDIATE FORM F			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUR	RAW SCORE	ATS	PUR	RAW SCORE	ATS	RAW SCORE	ATS	PUB	DIFFERENCE
9	2	1	4	1	1	0	1	54	50	48	2
8	1	1	3	1	1	0	1	53	49	48	1
7	1	1	2	1	1	0	1	52	47	46	1
6	1	1	1	1	1	0	1	51	45	46	1
5	1	1	0	1	1	0	1	50	43	42	1
4	1	1	0	1	1	0	1	49	42	42	0
3	1	1	0	1	1	0	1	48	40	38	2
2	1	1	0	1	1	0	1	47	39	36	2
1	1	1	0	1	1	0	1	46	37	36	1
0	1	1	0	1	1	0	1	45	35	34	1
								44	34	34	0
								43	32	30	2
								42	30	30	0
								41	29	28	1
								40	27	26	1
								39	26	26	0
								38	24	23	1
								37	23	20	3
								36	21	20	1
								35	20	18	2
								34	18	17	1
								33	17	16	1
								32	16	14	2
								31	14	14	0
								30	13	12	1
								29	12	11	1
								28	10	10	0
								27	9	8	1
								26	8	7	1
								25	7	6	1
								24	6	5	1
								23	5	4	1
								22	4	2	2
								21	3	2	1
								20	2	2	0
								19	2	2	0
								18	2	1	1
								17	1	1	0
								16	1	1	0
								15	1	1	0
								14	1	1	0

METROPOLITAN ACHIEVEMENT (MAP) READING, 1970 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD KNOWLEDGE INTERMEDIATE FORM F						READING (COMPREHENSION) INTERMEDIATE FORM F						TOTAL READING INTERMEDIATE FORM F					
RAW SCORE			PERCENTILE RANK			RAW SCORE			PERCENTILE RANK			RAW SCORE			PERCENTILE RANK		
			ATS	PUB	DIFFERENCE (ATS-PUB)				ATS	PUB	DIFFERENCE (ATS-PUB)				ATS	PUB	DIFFERENCE (ATS-PUB)
9	1	1	1	1	0	4	1	1	1	1	0	54	33	32	1	32	1
8	1	1	1	1	0	3	1	1	1	1	0	53	32	32	0	32	0
7	1	1	1	1	0	2	1	1	1	1	0	52	30	28	2	28	2
6	1	1	1	1	0	1	1	1	1	1	0	51	29	28	1	28	1
5	1	1	1	1	0	0	1	1	1	1	0	50	23	26	2	26	2
4	1	1	1	1	0							49	26	26	0	26	0
3	1	1	1	1	0							48	25	23	2	23	2
2	1	1	1	1	0							47	24	22	2	22	2
1	1	1	1	1	0							46	23	22	1	22	1
0	1	1	1	1	0							45	22	20	2	20	2
												44	20	20	0	20	0
												43	19	18	1	18	1
												42	18	18	0	18	0
												41	17	16	1	16	1
												40	16	15	1	15	1
												39	15	15	0	15	0
												38	14	14	0	14	0
												37	13	12	1	12	1
												36	12	12	0	12	0
												35	11	11	0	11	0
												34	10	10	0	10	0
												33	9	8	1	8	1
												32	9	7	2	7	2
												31	8	7	1	7	1
												30	7	6	1	6	1
												29	6	5	1	5	1
												28	6	5	1	5	1
												27	5	4	1	4	1
												26	4	3	1	3	1
												25	4	3	1	3	1
												24	3	2	1	2	1
												23	2	2	0	2	0
												22	2	1	1	1	1
												21	2	1	1	1	1
												20	1	1	0	1	0
												19	1	1	0	1	0
												18	1	1	0	1	0
												17	1	1	0	1	0
												16	1	1	0	1	0
												15	1	1	0	1	0
												14	1	1	0	1	0

TABLE 2161. ANCHOR TEST RESTANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 4

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION:
COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

PART 1 (VOCABULARY) LEVEL 4 FORM A				PART 2 (COMPREHENSION) LEVEL 4 FORM A				TOTAL READING LEVEL 4 FORM A			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
								60	99	99	0
								59	99	99	0
								58	99	99	0
								57	99	99	0
								56	99	99	0
								55	99	99	0
								54	99	98	0
								53	98	97	1
								52	97	96	1
								51	95	95	0
								50	94	94	0
								49	93	92	1
								48	91	89	2
								47	89	88	1
								46	88	85	3
								45	86	83	3
								44	84	80	4
								43	82	78	4
								42	80	76	4
								41	77	73	4
								40	75	71	4
								39	72	68	4
								38	70	65	5
								37	67	63	4
								36	64	60	4
								35	61	57	4
								34	59	55	4
								33	56	52	4
								32	53	49	4
								31	50	46	4
								30	47	43	4
								29	43	40	3
								28	40	37	3
								27	38	34	4
								26	35	31	4
								25	32	29	3
								24	29	26	3
								23	26	23	3
								22	23	20	3
								21	20	17	3
								20	17	15	2

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

PART 1 (VOCABULARY) LEVEL 4 FORM A				PART 2 (COMPREHENSION) LEVEL 4 FORM A				TOTAL READING LEVEL 4 FORM A			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
60	99	99		60	99	99		60	99	99	0
59	99	99		59	99	99		59	99	99	0
58	99	99		58	99	99		58	99	99	0
57	99	99		57	99	99		57	99	99	0
56	98	98		56	98	98		56	98	98	0
55	97	96	1	55	97	96	1	55	97	96	1
54	95	94	1	54	95	94	1	54	95	94	1
53	93	92	1	53	93	92	1	53	93	92	1
52	91	89	2	52	91	89	2	52	91	89	2
51	88	86	2	51	88	86	2	51	88	86	2
50	86	84	2	50	86	84	2	50	86	84	2
49	83	80	3	49	83	80	3	49	83	80	3
48	80	76	4	48	80	76	4	48	80	76	4
47	78	74	4	47	78	74	4	47	78	74	4
46	75	70	5	46	75	70	5	46	75	70	5
45	72	68	4	45	72	68	4	45	72	68	4
44	69	64	5	44	69	64	5	44	69	64	5
43	66	62	4	43	66	62	4	43	66	62	4
42	64	59	5	42	64	59	5	42	64	59	5
41	61	56	5	41	61	56	5	41	61	56	5
40	58	53	5	40	58	53	5	40	58	53	5
39	55	50	5	39	55	50	5	39	55	50	5
38	52	47	5	38	52	47	5	38	52	47	5
37	49	44	5	37	49	44	5	37	49	44	5
36	46	42	4	36	46	42	4	36	46	42	4
35	44	39	5	35	44	39	5	35	44	39	5
34	41	36	5	34	41	36	5	34	41	36	5
33	38	34	4	33	38	34	4	33	38	34	4
32	36	31	5	32	36	31	5	32	36	31	5
31	33	29	4	31	33	29	4	31	33	29	4
30	30	26	4	30	30	26	4	30	30	26	4
29	28	24	4	29	28	24	4	29	28	24	4
28	25	22	3	28	25	22	3	28	25	22	3
27	23	20	3	27	23	20	3	27	23	20	3
26	21	18	3	26	21	18	3	26	21	18	3
25	19	16	3	25	19	16	3	25	19	16	3
24	17	14	3	24	17	14	3	24	17	14	3
23	15	12	3	23	15	12	3	23	15	12	3
22	13	11	2	22	13	11	2	22	13	11	2
21	11	10	1	21	11	10	1	21	11	10	1
20	10	8	2	20	10	8	2	20	10	8	2

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

PART 1 (VOCABULARY)					PART 2 (COMPREHENSION)					TOTAL READING				
LEVEL 4 FORM A					LEVEL 4 FORM A					LEVEL 4 FORM A				
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	PUB	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	PUB	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	PUB
	ATS	PUB				ATS	PUB				ATS	PUB		
					60	99	98			60	99	98	1	1
					59	99	96			59	99	96	3	3
					58	99	95			58	99	95	4	4
					57	97	94			57	97	94	3	3
					56	95	92			56	95	92	3	3
					55	92	88			55	92	88	4	4
					54	89	86			54	89	86	3	3
					53	85	83			53	85	83	2	2
					52	82	80			52	82	80	2	2
					51	78	77			51	78	77	1	1
					50	74	76			50	74	76	-2	-2
					49	70	72			49	70	72	-2	-2
					48	66	67			48	66	67	-1	-1
					47	62	65			47	62	65	-3	-3
					46	59	60			46	59	60	-1	-1
					45	56	58			45	56	58	-2	-2
					44	53	53			44	53	53	0	0
					43	50	50			43	50	50	0	0
					42	48	47			42	48	47	1	1
					41	45	44			41	45	44	1	1
					40	42	41			40	42	41	1	1
					39	39	38			39	39	38	1	1
					38	36	38			38	36	38	0	0
					37	34	33			37	34	33	1	1
					36	31	31			36	31	31	0	0
					35	29	29			35	29	29	0	0
					34	27	26			34	27	26	1	1
					33	25	24			33	25	24	1	1
					32	23	21			32	23	21	2	2
					31	21	19			31	21	19	2	2
					30	19	16			30	19	16	3	3
					29	17	14			29	17	14	3	3
					28	15	12			28	15	12	3	3
					27	14	10			27	14	10	4	4
					26	12	8			26	12	8	4	4
					25	11	7			25	11	7	4	4
					24	10	6			24	10	6	4	4
					23	9	5			23	9	5	4	4
					22	7	4			22	7	4	3	3
					21	6	3			21	6	3	3	3
					20	5	2			20	5	2	3	3

SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS SERIES II (STEP-II) READING, 1969 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

PART 1 (VOCABULARY)
LEVEL 4 FORM APART 2 (COMPREHENSION)
LEVEL 4 FORM ATOTAL READING
LEVEL 4 FORM A

PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
19	5	1		19	5	1	4
18	4	1		18	4	1	3
17	3	1		17	3	1	2
16	2	1		16	2	1	1
15	1	1		15	1	1	1
14	2	1		14	2	1	1
13	1	1		13	1	1	0
12	1	1		12	1	1	0
11	1	1		11	1	1	0
10	1	1		10	1	1	0
9	1	1		9	1	1	0
8	1	1		8	1	1	0
7	1	1		7	1	1	0
6	1	1		6	1	1	0
5	1	1		5	1	1	0
4	1	1		4	1	1	0
3	1	1		3	1	1	0
2	1	1		2	1	1	0
1	1	1		1	1	1	0
0	1	1		0	1	1	0

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
42	99	99	0	48	95	99	0	90	99	99	0
41	99	98	1	47	99	99	0	89	99	99	0
40	98	97	1	46	99	99	0	88	99	99	0
39	96	95	1	45	99	99	0	87	99	99	0
38	94	93	1	44	99	99	0	86	99	99	0
37	92	90	2	43	98	99	-1	85	99	99	0
36	89	88	1	42	98	98	0	84	99	99	0
35	87	85	2	41	97	97	0	83	99	98	1
34	84	82	2	40	96	96	0	82	98	98	0
33	82	79	3	39	94	94	0	81	98	98	0
32	79	76	3	38	93	93	0	80	97	97	0
31	76	73	3	37	91	91	0	79	97	96	1
30	73	70	3	36	90	89	1	78	96	96	0
29	71	67	4	35	88	87	1	77	95	95	0
28	68	64	4	34	86	85	1	76	94	94	0
27	65	61	4	33	83	83	0	75	93	93	0
26	63	59	4	32	81	80	1	74	92	92	0
25	60	56	4	31	79	78	1	73	91	91	0
24	57	53	4	30	76	75	1	72	90	90	0
23	54	50	4	29	74	72	2	71	89	89	0
22	51	47	4	28	71	70	1	70	88	88	0
21	49	44	5	27	68	67	1	69	87	86	1
20	46	41	5	26	65	63	2	68	86	85	1
19	43	38	5	25	62	60	2	67	84	84	0
18	40	35	5	24	59	57	2	66	83	82	1
17	37	32	5	23	56	53	3	65	82	81	1
16	33	28	5	22	52	49	3	64	81	80	1
15	30	25	5	21	48	45	3	63	79	78	1
14	26	21	5	20	44	41	3	62	77	77	0
13	22	18	4	19	39	37	2	61	77	75	2
12	18	14	4	18	35	33	2	60	76	74	2
11	14	11	3	17	30	29	1	59	74	72	2
10	10	8	2	16	26	24	2	58	73	71	2
9	7	6	1	15	21	20	1	57	71	69	2
8	5	4	1	14	17	16	1	56	70	68	2
7	3	2	1	13	13	13	0	55	68	67	1
6	2	1	1	12	10	9	1	54	67	65	2
5	1	1	0	11	7	7	0	53	66	64	2
4	1	1	0	10	5	4	1	52	64	62	2
3	1	1	0	9	3	2	1	51	62	61	1
2	1	1	0	8	2	1	1	50	61	59	2

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
1	1	1	0	7	1	1	0	49	59	57	2
0	1	1	0	6	1	1	0	48	58	56	2
				5	1	1	0	47	56	54	2
				4	1	1	0	46	55	53	2
				3	1	1	0	45	53	51	2
				2	1	1	0	44	51	49	2
				1	1	1	0	43	50	48	2
				0	1	1	0	42	48	46	2
								41	46	44	2
								40	44	42	2
								39	43	40	3
								38	41	38	3
								37	39	37	2
								36	37	35	2
								35	35	33	2
								34	33	31	2
								33	31	29	2
								32	29	27	2
								31	27	25	2
								30	25	23	2
								29	23	21	2
								28	21	19	2
								27	19	17	2
								26	16	15	1
								25	14	13	1
								24	12	11	1
								23	10	10	0
								22	8	8	0
								21	7	7	0
								20	5	5	0
								19	4	4	0
								18	3	3	0
								17	2	2	0
								16	2	1	1
								15	1	1	0
								14	1	1	0
								13	1	1	0
								12	1	1	0
								11	1	1	0
								10	1	1	0
								9	1	1	0

TABLE 2164. ANCHOR TEST RESTANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 4

PAGE 3

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
								8	1	1	0
								7	1	1	0
								6	1	1	0
								5	1	1	0
								4	1	1	0
								3	1	1	0
								2	1	1	0
								1	1	1	0
								0	1	1	0

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK		RAW SCORE		PERCENTILE RANK	
		ATS	PUB			ATS	PUB			ATS	PUB
		DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)				DIFFERENCE (ATS-PUB)	
42	59	0		48	99	99		90	99	99	0
41	53	3		47	95	99		89	99	99	0
40	88	4		46	99	98		88	99	99	0
39	83	4		45	98	97		87	99	99	0
38	79	3		44	97	96		86	95	98	1
37	74	4		43	95	94		85	98	97	1
36	70	4		42	93	92		84	97	95	2
35	66	4		41	91	89		83	95	94	1
34	62	4		40	88	87		82	94	93	1
33	58	5		39	85	84		81	92	91	1
32	55	4		38	82	81		80	90	89	1
31	52	4		37	79	78		79	89	88	1
30	49	4		36	76	75		77	87	86	1
29	46	4		35	73	72		76	85	84	1
28	44	3		34	70	69		75	83	82	1
27	41	4		33	67	66		74	81	80	1
26	39	3		32	64	63		73	80	78	2
25	36	4		31	61	60		72	78	76	2
24	34	3		30	59	57		71	76	74	2
23	32	3		29	56	55		70	74	73	1
22	32	3		28	53	52		69	72	71	1
21	30	3		27	50	49		68	70	69	1
20	28	3		26	47	46		67	69	67	2
19	25	2		25	44	43		66	67	65	2
18	23	3		24	41	40		65	65	63	2
17	21	3		23	38	37		64	64	62	2
16	19	3		22	35	34		63	62	60	2
15	17	3		21	31	31		62	61	58	3
14	14	2		20	28	28		61	59	57	2
13	12	2		19	25	25		60	58	55	3
12	10	2		18	22	22		59	56	54	2
11	8	2		17	19	19		58	54	52	2
10	6	2		16	16	16		57	53	51	2
9	5	1		15	13	13		56	51	49	2
8	4	0		14	11	11		55	50	48	2
7	3	1		13	8	8		54	49	46	3
6	1	0		12	6	6		53	47	45	2
5	1	0		11	4	4		52	46	43	3
4	1	0		10	3	3		51	44	42	2
3	1	0		9	2	2		50	43	41	2
2	1	0		8	1	1		49	41	39	2

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
PERCENTILE RANK		DIFFEREN (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	RAW SCORE	ATS	PUB	DIFFERENCE
1	1	1	7	1	1	0	1	49	40	38	2
0	1	1	5	1	1	0	1	48	38	37	1
			5	1	1	0	1	47	37	35	2
			4	1	1	0	1	46	36	34	2
			3	1	1	0	1	45	34	33	1
			2	1	1	0	1	44	33	31	2
			1	1	1	0	1	43	31	30	1
			0	1	1	0	1	42	30	29	1
								41	29	27	2
								40	27	26	1
								39	26	25	1
								38	25	23	2
								37	24	22	2
								36	22	21	1
								35	21	19	2
								34	19	18	1
								33	18	17	1
								32	17	15	2
								31	15	14	1
								30	14	13	1
								29	13	12	1
								28	12	11	1
								27	10	9	1
								26	9	8	1
								25	8	7	1
								24	7	6	1
								23	6	5	1
								22	5	4	1
								21	4	4	0
								20	3	3	0
								19	2	2	0
								18	2	2	0
								17	1	1	0
								16	1	1	0
								15	1	1	0
								14	1	1	0
								13	1	1	0
								12	1	1	0
								11	1	1	0
								10	1	1	0
								9	1	1	0

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY BLUE FORM E				READING COMPREHENSION BLUE FORM E				TOTAL READING BLUE FORM E			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
8	1	1		8	1	1		8	1	1	0
7	1	1		7	1	1		7	1	1	0
6	1	1		6	1	1		6	1	1	0
5	1	1		5	1	1		5	1	1	0
4	1	1		4	1	1		4	1	1	0
3	1	1		3	1	1		3	1	1	0
2	1	1		2	1	1		2	1	1	0
1	1	1		1	1	1		1	1	1	0
0	1	1		0	1	1		0	1	1	0

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY GREEN FORM E				READING COMPREHENSION GREEN FORM E				TOTAL READING GREEN FORM E			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB
42	99	99	48	99	99	0	99	99	90	99	99
41	98	97	47	99	99	0	99	99	89	99	99
40	96	94	46	98	97	1	99	99	88	99	99
39	94	91	45	97	96	1	99	99	87	99	98
38	91	88	44	95	94	1	99	99	86	99	97
37	89	85	43	93	92	1	97	96	85	97	96
36	85	81	42	92	90	2	97	95	84	97	95
35	81	78	41	89	88	1	96	94	83	96	94
34	77	74	40	87	86	1	94	93	82	94	93
33	74	70	39	84	83	1	93	92	81	93	92
32	70	66	38	82	81	1	92	91	80	92	91
31	67	63	37	79	78	1	91	90	79	91	90
30	63	59	36	77	76	1	90	88	78	90	88
29	60	56	35	74	73	1	88	87	77	88	87
28	57	53	34	72	71	1	87	86	76	87	86
27	53	49	33	69	68	1	85	84	75	85	84
26	50	46	32	66	65	0	84	83	74	84	83
25	46	43	31	63	63	0	83	83	73	83	81
24	43	40	30	61	61	0	81	80	72	81	80
23	40	38	29	58	58	0	80	78	71	80	78
22	37	35	28	55	55	0	78	77	70	78	77
21	34	32	27	53	53	0	77	75	69	77	75
20	32	29	26	50	50	0	75	73	68	75	73
19	29	27	25	47	48	-1	74	72	67	74	72
18	27	24	24	45	45	0	72	70	66	72	70
17	24	21	23	42	42	0	70	69	65	70	69
16	21	19	22	39	39	0	69	67	64	69	67
15	19	16	21	37	36	1	67	66	63	67	66
14	16	14	20	34	33	1	65	64	62	65	64
13	14	11	19	30	30	0	64	63	61	64	63
12	11	9	18	27	27	0	62	61	60	62	61
11	8	7	17	24	23	1	61	60	59	61	60
10	6	5	16	21	20	1	59	58	58	59	58
9	4	3	15	18	17	1	58	57	57	58	57
8	3	2	14	14	14	0	56	55	56	56	55
7	2	1	13	11	11	0	55	54	55	55	54
6	1	1	12	8	8	0	54	53	54	53	54
5	1	1	11	6	6	0	53	52	53	52	51
4	1	1	10	5	5	0	52	50	52	50	49
3	1	1	9	3	3	0	51	49	51	49	48
2	1	1	8	2	2	0	50	47	50	47	46

TABLE 2166. ANCHOR TEST RESTANDARDIZATION STUDY: INDIVIDUAL SCORE NORMS- GRADE 6

PAGE 2

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY GREEN FORM E				READING COMPREHENSION GREEN FORM E				TOTAL READING GREEN FORM E			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	FUL	RAW SCORE	ATS	RAW SCORE	ATS	PUB	
1	1	1	7	1	1	0	1	49	46	45	1
0	1	1	6	1	1	0	1	48	44	44	0
			5	1	1	0	1	47	42	42	0
			4	1	1	0	1	46	41	41	0
			3	1	1	0	1	45	40	39	1
			2	1	1	0	1	44	38	38	0
			1	1	1	0	1	43	37	36	1
			0	1	1	0	1	42	35	35	0
								41	33	33	0
								40	32	32	0
								39	30	30	0
								38	29	29	0
								37	28	27	1
								36	26	25	1
								35	25	24	1
								34	23	22	1
								33	22	21	1
								32	20	19	1
								31	19	18	1
								30	17	16	1
								29	16	15	1
								28	14	13	1
								27	13	12	1
								26	11	11	0
								25	10	9	1
								24	9	8	1
								23	7	7	0
								22	6	6	0
								21	5	5	0
								20	4	4	0
								19	3	3	0
								18	2	2	0
								17	2	1	1
								16	1	1	0
								15	1	1	0
								14	1	1	0
								13	1	1	0
								12	1	1	0
								11	1	1	0
								10	1	1	0
								9	1	1	0

SRA ACHIEVEMENT SERIES (SRA) READING, 1971 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

VOCABULARY GREEN FORM E				READING COMPREHENSION GREEN FORM E				TOTAL READING GREEN FORM E			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
								8	1	1	0
								7	1	1	0
								6	1	1	0
								5	1	1	0
								4	1	1	0
								3	1	1	0
								2	1	1	0
								1	1	1	0
								0	1	1	0

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING INTERMEDIATE I FORM W				PARAGRAPH MEANING INTERMEDIATE I FORM W				TOTAL READING INTERMEDIATE I FORM W			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB		RAW SCORE	ATS	PUB	
33	99	99	0	60	99	99	0				
37	99	99	0	59	99	99	0				
36	99	99	0	58	99	99	0				
35	99	99	0	57	99	99	0				
34	99	99	0	56	99	99	0				
33	99	99	0	55	99	99	0				
32	99	99	0	54	99	99	0				
31	99	99	0	53	99	99	0				
30	99	99	0	52	99	99	0				
29	99	99	0	51	99	99	0				
28	99	99	0	50	99	99	0				
27	99	99	0	49	99	99	0				
26	99	99	0	48	99	99	0				
25	99	99	0	47	99	99	0				
24	99	99	0	46	99	99	0				
23	99	99	0	45	99	99	0				
22	99	99	0	44	99	99	0				
21	99	99	0	43	99	99	0				
20	99	99	0	42	99	99	0				
19	99	99	0	41	99	99	0				
18	99	99	0	40	99	99	0				
17	99	99	0	39	99	99	0				
16	99	99	0	38	99	99	0				
15	99	99	0	37	99	99	0				
14	99	99	0	36	99	99	0				
13	99	99	0	35	99	99	0				
12	99	99	0	34	99	99	0				
11	99	99	0	33	99	99	0				
10	99	99	0	32	99	99	0				
9	99	99	0	31	99	99	0				
8	99	99	0	30	99	99	0				
7	99	99	0	29	99	99	0				
6	99	99	0	28	99	99	0				
5	99	99	0	27	99	99	0				
4	99	99	0	26	99	99	0				
3	99	99	0	25	99	99	0				
2	99	99	0	24	99	99	0				
1	99	99	0	23	99	99	0				
0	99	99	0	22	99	99	0				
				21	99	99	0				
				20	99	99	0				

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) [NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING				PARAGRAPH MEANING				TOTAL READING			
INTERMEDIATE I FORM W				INTERMEDIATE I FORM W				INTERMEDIATE I FORM W			
RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)
19	21	14	19	21	14	19	21	14	19	21	14
18	18	11	18	18	11	18	18	11	18	18	11
17	15	10	17	15	10	17	15	10	17	15	10
16	12	8	16	12	8	16	12	8	16	12	8
15	10	8	15	10	8	15	10	8	15	10	8
14	8	6	14	8	6	14	8	6	14	8	6
13	6	4	13	6	4	13	6	4	13	6	4
12	4	3	12	4	3	12	4	3	12	4	3
11	3	2	11	3	2	11	3	2	11	3	2
10	2	1	10	2	1	10	2	1	10	2	1
9	1	1	9	1	1	9	1	1	9	1	1
8	1	1	8	1	1	8	1	1	8	1	1
7	1	1	7	1	1	7	1	1	7	1	1
6	1	1	6	1	1	6	1	1	6	1	1
5	1	1	5	1	1	5	1	1	5	1	1
4	1	1	4	1	1	4	1	1	4	1	1
3	1	1	3	1	1	3	1	1	3	1	1
2	1	1	2	1	1	2	1	1	2	1	1
1	1	1	1	1	1	1	1	1	1	1	1
0	1	1	0	1	1	0	1	1	0	1	1
0	1	1	0	1	1	0	1	1	0	1	1

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING				PARAGRAPH MEANING				TOTAL READING			
INTERMEDIATE II FORM W				INTERMEDIATE II FORM W				INTERMEDIATE II FORM W			
RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK	DIFFERENCE (ATS-PUB)
43	99	0	64	99	0	93	99	0			
47	99	0	65	99	0	99	99	0			
46	99	0	62	99	0	99	99	0			
45	99	0	61	99	0	99	99	0			
44	99	0	60	99	0	99	99	0			
43	99	0	59	99	0	99	99	0			
42	99	1	58	99	0	99	99	0			
41	99	2	57	99	0	99	99	1			
40	98	2	56	99	0	97	97	2			
39	97	2	55	98	0	96	96	2			
38	96	2	54	97	0	95	95	2			
37	95	2	53	97	0	94	94	3			
36	94	4	52	96	0	93	93	3			
35	92	4	51	95	0	92	92	3			
34	91	5	50	94	0	90	90	4			
33	89	5	49	93	0	88	88	5			
32	87	7	48	92	0	86	86	6			
31	85	6	47	91	0	84	84	7			
30	83	6	46	90	0	82	82	8			
29	81	7	45	89	0	80	80	9			
28	79	9	44	87	0	78	78	9			
27	77	11	43	86	0	76	76	10			
26	74	12	42	84	0	75	75	9			
25	71	13	41	82	0	74	74	8			
24	68	14	40	80	0	72	72	8			
23	65	15	39	78	0	68	68	10			
22	62	14	38	76	0	66	66	10			
21	58	12	37	74	0	65	65	9			
20	54	14	36	72	0	64	64	8			
19	50	14	35	70	0	63	63	10			
18	46	14	34	67	0	58	58	9			
17	42	12	33	65	0	54	54	11			
16	38	12	32	62	0	52	52	10			
15	33	11	31	59	0	50	50	9			
14	28	10	30	57	0	46	46	11			
13	24	10	29	54	0	42	42	12			
12	20	9	28	51	0	41	41	11			
11	16	8	27	48	0	38	38	10			
10	12	6	26	45	0	37	37	11			
9	9	4	25	42	0	32	32	10			
8	7	3	24	39	0	30	30	9			

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING				PARAGRAPH MEANING				TOTAL READING			
INTERMEDIATE II FORM W				INTERMEDIATE II FORM W				INTERMEDIATE II FORM W			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	P.B.			ATS	PUB	
7	5	3	2	23	36	26	10				
6	3	2	1	22	32	24	8				
5	2	1	1	21	29	22	7				
4	1	1	0	20	25	18	7				
3	1	1	0	19	22	16	6				
2	1	1	0	18	18	14	4				
1	1	1	0	17	15	11	4				
0	1	1	0	16	12	10	2				
				15	10	8	2				
				14	8	6	2				
				13	6	4	2				
				12	4	3	1				
				11	3	2	1				
				10	2	1	1				
				9	2	1	1				
				8	1	1	0				
				7	1	1	0				
				6	1	1	0				
				5	1	1	0				
				4	1	1	0				
				3	1	1	0				
				2	1	1	0				
				1	1	1	0				
				0	1	1	0				

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING INTERMEDIATE II FORM W				PARAGRAPH MEANING INTERMEDIATE II FORM W				TOTAL READING INTERMEDIATE II FORM W			
PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)		PERCENTILE RANK		DIFFERENCE (ATS-PUB)	
RAW SCORE	ATS	PUB	RAW SCORE	ATS	PUB	RAW SCORE	ATS	RAW SCORE	ATS	PUB	DIFFERENCE (ATS-PUB)
48	99	99	64	99	99	0	0	0	0	0	0
47	95	99	63	95	99	0	0	0	0	0	0
46	99	99	62	99	99	0	0	0	0	0	0
45	99	98	61	99	99	0	0	0	0	0	0
44	99	96	60	99	96	3	3	0	0	0	0
43	90	95	59	98	95	3	3	0	0	0	0
42	95	92	58	97	94	3	3	0	0	0	0
41	95	89	57	96	92	4	4	0	0	0	0
40	93	86	56	94	90	4	4	0	0	0	0
39	91	82	55	93	88	5	5	0	0	0	0
38	88	78	54	92	86	6	6	0	0	0	0
37	86	76	53	90	82	8	8	0	0	0	0
36	84	72	52	88	80	8	8	0	0	0	0
35	81	68	51	86	77	9	9	0	0	0	0
34	79	66	50	84	74	10	10	0	0	0	0
33	75	62	49	83	72	11	11	0	0	0	0
32	72	58	48	81	68	13	13	0	0	0	0
31	69	56	47	79	66	13	13	0	0	0	0
30	67	54	46	77	62	15	15	0	0	0	0
29	63	50	45	75	60	15	15	0	0	0	0
28	60	46	44	72	56	16	16	0	0	0	0
27	57	42	43	69	54	15	15	0	0	0	0
26	54	38	42	68	53	15	15	0	0	0	0
25	51	34	41	65	52	13	13	0	0	0	0
24	47	30	40	63	50	13	13	0	0	0	0
23	44	26	39	61	46	15	15	0	0	0	0
22	41	25	38	58	42	16	16	0	0	0	0
21	37	23	37	55	41	14	14	0	0	0	0
20	34	20	36	53	40	13	13	0	0	0	0
19	30	18	35	51	38	13	13	0	0	0	0
18	27	16	34	48	36	12	12	0	0	0	0
17	24	14	33	46	32	14	14	0	0	0	0
16	21	11	32	43	30	13	13	0	0	0	0
15	18	10	31	41	28	13	13	0	0	0	0
14	15	8	30	38	26	12	12	0	0	0	0
13	12	6	29	36	24	12	12	0	0	0	0
12	9	5	28	33	22	11	11	0	0	0	0
11	8	4	27	30	20	10	10	0	0	0	0
10	6	3	26	27	18	9	9	0	0	0	0
9	4	2	25	25	16	9	9	0	0	0	0
8	3	1	24	23	14	9	9	0	0	0	0

STANFORD ACHIEVEMENT TEST (SAT) READING, 1964 EDITION:

COMPARISON BETWEEN ANCHOR TEST STUDY (ATS) NORMS AND TEST PUBLISHER (PUB) NORMS

WORD MEANING INTERMEDIATE II FORM W				PARAGRAPH MEANING INTERMEDIATE II FORM W				TOTAL READING INTERMEDIATE II FORM W			
RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)	RAW SCORE	PERCENTILE RANK		DIFFERENCE (ATS-PUB)
	ATS	PUB			ATS	PUB			ATS	PUB	
7	2	1	1	23	21	12	9				
6	1	1	0	22	18	11	7				
5	1	1	0	21	16	10	6				
4	1	1	0	20	14	9	5				
3	1	1	0	19	11	8	3				
2	1	1	0	18	9	6	3				
1	1	1	0	17	8	5	3				
0	1	1	0	16	6	4	2				
				15	5	3	2				
				14	4	2	2				
				13	3	1	2				
				12	2	1	1				
				11	1	1	0				
				10	1	1	0				
				9	1	1	0				
				8	1	1	0				
				7	1	1	0				
				6	1	1	0				
				5	1	1	0				
				4	1	1	0				
				3	1	1	0				
				2	1	1	0				
				1	1	1	0				
				0	1	1	0				

LIST OF CONDITIONAL ERROR OF EQUATING TABLES

<u>Grade</u>	<u>Procedure</u>	<u>Test Pair</u>	<u>Table Numbers</u>
4	Average of Procedures 1 and 2, and Procedure 3	ITBS-STEP II MAT-SRA	2170 - 2172 2173 - 2175
5	Average of Procedures 1 and 2, and Procedure 3	CAT-SAT CTBS-ITBS	2176 - 2178 2179 - 2181
6	Average of Procedures 1 and 2, and Procedure 3	MAT-SAT CAT-STEP II	2182 - 2184 2185 - 2187

EQUIVALENT F.V. SCORES AND CONDITIONAL ERRORS OF EQUATING

FIRS READING (71 ED.) LEVEL 10 FORM 5, VOCABULARY EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, PART 1 (VOCAB.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

FIRS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	ERROR
34	20.9	4.81	30.0	29.9	4.81	30.0	29.9	4.81	30.0	29.9	4.81	4.90
33	29.2	3.33	29.0	29.2	3.33	29.0	29.2	3.33	29.0	29.2	3.33	3.08
36	28.5	2.95	28.1	28.5	2.95	28.1	28.5	2.95	28.1	28.5	2.95	2.56
35	27.8	2.96	27.2	27.8	2.61	27.2	27.8	2.96	27.1	27.1	2.57	2.65
34	27.2	3.16	26.5	27.1	2.70	26.5	27.1	3.09	26.4	26.4	2.65	2.65
33	26.5	3.07	25.8	26.4	2.72	25.8	26.4	3.01	25.7	25.7	2.68	2.70
32	25.8	3.12	25.1	25.7	2.75	25.1	25.7	3.06	25.0	25.0	2.64	2.64
31	25.1	2.93	24.4	24.4	2.66	24.4	24.4	2.88	24.3	24.3	2.64	2.64
30	24.4	3.35	23.8	24.3	3.18	23.8	24.3	3.32	23.7	23.7	3.17	2.53
29	23.7	2.75	23.2	23.6	2.55	23.2	23.6	2.70	23.1	23.1	2.53	2.53
28	23.0	2.52	22.6	22.9	2.36	22.6	22.9	2.47	22.6	22.6	2.36	2.36
27	22.3	2.97	22.0	22.2	2.93	22.0	22.2	2.95	22.0	22.0	2.93	2.93
26	21.7	3.31	21.4	21.5	3.22	21.4	21.5	3.25	21.4	21.4	3.22	3.22
25	21.0	3.10	20.9	20.8	3.08	20.9	20.8	3.06	20.9	20.9	3.08	3.08
24	20.3	3.56	20.4	20.1	3.58	20.4	20.1	3.51	20.3	20.3	3.56	3.56
23	19.6	2.62	19.9	19.4	2.67	19.9	19.4	2.61	19.8	19.8	2.65	2.65
22	18.9	2.10	19.4	18.7	2.98	19.4	18.7	3.16	19.2	19.2	3.02	3.02
21	18.2	2.94	18.9	18.0	2.73	18.9	18.0	2.73	18.6	18.6	2.83	2.83
20	17.5	2.44	18.3	17.3	3.51	18.3	17.3	3.45	18.1	18.1	3.47	3.47
19	16.8	3.11	17.8	16.6	3.04	17.8	16.6	3.16	17.5	17.5	3.03	3.03
18	16.1	3.16	17.2	15.9	2.93	17.2	15.9	3.23	16.9	16.9	2.99	2.99
17	15.5	3.93	16.5	15.2	3.70	16.5	15.2	4.04	16.3	16.3	3.73	3.73
16	14.8	4.47	15.9	14.6	4.29	15.9	14.6	4.53	15.6	15.6	4.31	4.31
15	14.1	3.44	15.1	13.9	3.37	15.1	13.9	3.49	14.9	14.9	3.36	3.36
14	13.4	4.00	14.3	13.2	4.09	14.3	13.2	4.01	14.1	14.1	4.05	4.05
13	12.7	3.44	13.4	12.5	3.42	13.4	12.5	3.47	13.2	13.2	3.41	3.41
12	12.0	3.60	12.5	11.8	3.51	12.5	11.8	3.65	12.1	12.1	3.58	3.58
11	11.3	3.54	11.4	11.1	3.53	11.4	11.1	3.58	11.1	11.1	3.58	3.58
10	10.6	4.41	10.3	10.4	4.53	10.3	10.4	4.49	9.9	9.9	4.71	4.71
9	10.0	3.49	9.2	9.7	3.70	9.2	9.7	3.55	8.8	8.8	3.86	3.86
8	9.3	3.40	8.1	9.0	3.86	8.1	9.0	3.48	7.8	7.8	4.02	4.02
7	8.6	2.34	6.9	8.3	4.15	6.9	8.3	3.43	6.8	6.8	4.21	4.21
6	7.9	2.88	5.7	7.6	5.23	5.7	7.6	3.61	5.6	5.6	5.32	5.32
5	7.2	4.23	4.6	6.9	6.48	4.6	6.9	4.47	4.5	4.5	6.57	6.57
4	6.5	2.50	3.7	6.2	2.30	3.7	6.2	2.0	3.6	3.6	2.40	2.40
3	5.8	2.10	3.0	5.5	5.00	3.0	5.5	2.50	2.9	2.9	5.10	5.10
2	5.1	4.20	2.3	4.8	6.48	2.3	4.8	4.42	2.2	2.2	6.57	6.57
1	4.5	3.94	1.6	4.1	6.83	1.6	4.1	4.34	1.5	1.5	6.93	6.93
0	3.8		.9	3.4		.9	3.4		.9			

AVERAGE ERROR

3.33

3.31

3.34

3.33

EQUIVALENT RAW SCORES AND CONCUSSIONAL ERRORS OF EQUATING

ITBS READING (71 ED.) LEVEL 10 FORM 5, COMPREHENSION EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, PART 2 (COMPR.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	ERROR
68	31.1		30.4	30.8		30.4	30.4		
67	30.6		30.3	30.3		30.4	30.4		
66	30.1		30.0	29.9		30.1	30.1		
65	29.7		29.7	29.4		29.7	29.7		
64	29.2	6.20	29.4	28.9	6.40	29.4	29.4	5.90	6.40
63	28.7	4.21	29.0	28.5	4.43	29.0	29.0	4.07	4.43
62	28.2	2.19	28.7	28.0	2.51	28.6	28.6	1.97	2.43
61	27.8	1.84	28.4	27.5	2.43	28.2	28.2	1.72	2.26
60	27.3	1.74	27.9	27.1	2.13	27.8	27.8	1.63	2.06
59	26.9	1.56	27.5	26.6	2.02	27.3	27.3	1.37	1.86
58	26.4	3.09	27.0	26.1	3.49	26.8	26.8	2.92	3.35
57	25.0	4.79	26.5	25.7	5.23	26.3	26.3	4.65	5.08
56	25.5	3.51	26.0	25.2	4.27	25.8	25.8	3.71	4.12
55	25.0	2.11	25.5	24.7	2.75	25.3	25.3	2.23	2.61
54	24.6	3.43	25.0	24.3	3.67	24.8	24.8	3.26	3.56
53	24.1	2.01	24.5	23.8	3.19	24.3	24.3	1.93	2.09
52	23.6	2.98	24.0	23.3	3.09	23.7	23.7	2.92	3.00
51	23.2	4.37	23.5	22.9	4.53	23.2	23.2	4.22	4.37
50	22.7	4.48	23.0	22.4	4.68	22.6	22.6	4.29	4.41
49	22.2	4.56	22.4	21.9	5.04	22.1	22.1	4.85	4.92
48	21.8	4.34	21.7	21.5	4.30	21.5	21.5	4.22	4.22
47	21.3	4.59	21.2	21.0	4.54	20.9	20.9	4.45	4.41
46	20.8	4.44	20.6	20.5	4.32	20.3	20.3	4.26	4.15
45	20.4	5.24	20.1	20.1	5.09	19.8	19.8	5.09	4.96
44	19.9	4.26	19.5	19.6	4.21	19.3	19.3	4.22	4.19
43	19.4	5.08	19.0	19.2	5.02	18.7	18.7	5.05	5.00
42	19.0	4.71	18.5	18.7	4.47	18.2	18.2	4.56	4.34
41	18.5	4.75	18.0	18.2	4.53	17.7	17.7	4.61	4.42
40	18.0	4.81	17.5	17.8	4.58	17.1	17.1	4.71	4.43
39	17.6	3.29	17.0	17.3	3.26	16.7	16.7	3.26	3.29
38	17.1	3.65	16.6	16.8	3.42	16.3	16.3	3.50	3.31
37	16.6	3.16	16.1	16.4	3.94	15.8	15.8	4.06	3.84
36	16.2	7.47	15.7	15.9	4.47	15.4	15.4	4.47	4.50
35	15.7	4.82	15.3	15.4	4.69	15.0	15.0	4.72	4.62
34	15.2	4.17	14.8	15.0	4.06	14.5	14.5	4.11	3.99
33	14.8	3.37	14.4	14.5	3.22	14.1	14.1	3.26	3.14
32	14.3	4.18	14.0	14.0	4.20	13.7	13.7	4.20	4.23
31	13.8	4.09	13.6	13.6	4.00	13.3	13.3	4.00	3.88
30	13.4	4.03	13.2	13.1	4.02	13.0	13.0	4.01	4.01
29	12.9	4.04	12.8	12.7	4.05	12.6	12.6	4.06	4.07
28	12.4	4.61	12.4	12.2	4.81	12.2	12.2	4.76	4.76

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

ITBS READING (71 ED.) LEVEL 10 FORM 5, TOTAL READING EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II			STEP-II			STEP-II			STEP-II		
	EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR	
106	61.1			60.4			60.7			60.3		
105	60.6			60.4			60.2			60.1		
104	60.1			60.2			59.6			59.8		
103	59.5			59.7			59.1			59.6		
102	59.0			59.1			58.5			59.1		
101	58.4			58.5			58.0			58.5		
100	57.7	5.90		58.0	6.00		57.4	5.40		57.9	5.90	
99	57.4	3.85		57.4	3.85		56.9	3.51		57.3	3.77	
98	56.8	3.64		56.8	3.64		56.4	3.32		56.6	3.48	
97	56.3	6.35		56.3	6.35		55.8	5.97		56.0	6.12	
96	55.7	5.02		55.7	5.02		55.3	4.69		55.4	4.77	
95	55.2	2.40		55.2	2.40		54.8	2.09		54.8	2.09	
94	54.6	3.24		54.6	3.24		54.2	2.94		54.3	3.03	
93	54.1	1.36		54.1	1.36		53.7	1.12		53.7	1.12	
92	53.6	4.46		53.5	4.87		53.1	4.53		53.2	4.61	
91	53.0	3.40		52.9	3.33		52.6	3.13		52.6	3.13	
90	52.5	1.78		52.4	1.74		52.0	1.64		52.0	1.64	
89	51.9	6.15		51.8	6.09		51.5	5.91		51.4	5.86	
88	51.4	5.33		51.3	5.26		50.9	4.97		50.8	4.90	
87	50.9	2.38		50.8	2.33		50.4	2.15		50.3	2.12	
86	50.3	6.04		50.2	5.97		49.8	5.71		49.8	5.71	
85	49.8	4.91		49.7	4.86		49.3	4.70		49.2	4.66	
84	49.2	3.92		49.2	3.92		48.8	3.85		48.6	3.82	
83	48.7	4.46		48.6	4.42		48.2	4.25		48.0	4.18	
82	48.2	3.80		48.1	3.75		47.7	3.59		47.5	3.52	
81	47.6	6.79		47.5	6.74		47.1	6.58		47.0	6.54	
80	47.1	4.77		46.9	4.69		46.6	4.58		46.3	4.50	
79	46.5	4.82		46.3	4.85		46.1	4.89		45.8	4.97	
78	46.0	5.63		45.7	5.51		45.5	5.43		45.1	5.30	
77	45.4	5.57		45.1	5.45		45.0	5.42		44.5	5.26	
76	44.9	5.84		44.5	5.63		44.4	5.58		43.9	5.35	
75	44.4	6.04		43.9	5.92		43.9	5.92		43.3	5.84	
74	43.8	7.01		43.3	6.77		43.4	6.82		42.8	6.56	
73	43.3	5.09		42.7	4.93		42.8	4.95		42.2	4.86	
72	42.7	5.91		42.1	5.82		42.3	5.85		41.7	5.78	
71	42.2	7.73		41.6	7.37		41.7	7.43		41.1	7.09	
70	41.7	6.86		41.0	6.73		41.2	6.76		40.5	6.68	
69	41.1	4.13		40.5	4.11		40.6	4.10		39.9	4.17	
68	40.6	6.61		39.9	6.35		40.1	6.42		39.4	6.20	
67	40.0	4.55		39.3	4.41		39.5	4.37		38.8	4.20	
66	39.5	4.38		38.8	4.10		39.0	4.10		38.2	3.75	

EQUIVALENT A: SCORES AND CONDITIONAL ERRORS OF EQUATING

1155 READING (71 ED.) LEVEL 10 FORM 5, TOTAL READING EQUATED TO STEP-II READINGS (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITEMS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	ERROR
65	39.0	5.70	38.3	38.5	3.19	38.5	37.7	5.40	4.98
66	38.4	6.81	37.8	37.9	6.14	37.9	37.2	6.58	6.32
67	37.9	6.27	37.4	37.4	6.13	37.4	36.8	6.13	6.02
68	37.3	6.61	36.9	36.8	6.53	36.8	36.3	6.52	6.45
69	36.8	5.66	36.4	36.4	5.56	36.4	35.9	5.53	5.46
70	36.2	4.50	35.9	35.7	4.50	35.7	35.4	4.50	4.53
71	35.7	4.45	35.5	35.2	4.40	35.2	34.9	4.36	4.33
72	35.2	4.99	35.0	34.7	4.95	34.7	34.5	4.91	4.89
73	34.6	4.70	34.5	34.1	4.67	34.1	34.0	4.57	4.55
74	34.1	6.75	34.0	33.5	6.70	33.5	33.5	6.53	6.48
75	33.5	5.31	33.5	33.0	5.31	33.0	33.1	5.35	5.34
76	33.0	3.21	33.1	32.5	3.22	32.5	32.6	3.21	3.21
77	32.5	5.34	32.6	32.0	5.38	32.0	32.1	5.20	5.23
78	31.9	5.37	32.2	31.4	5.42	31.4	31.7	5.33	5.35
79	31.4	4.67	31.7	30.9	4.67	30.9	31.3	4.70	4.67
80	30.8	5.18	31.3	30.3	5.09	30.3	30.9	5.32	5.16
81	30.3	5.70	30.9	29.8	5.33	29.8	30.5	6.03	5.57
82	29.8	7.74	30.4	29.2	7.39	29.2	30.1	5.13	4.56
83	29.2	5.46	30.0	28.7	5.17	28.7	29.6	5.32	5.60
84	28.7	4.45	29.6	28.1	4.13	28.1	29.2	4.68	4.31
85	28.1	6.03	29.2	27.6	5.16	27.6	28.7	6.17	5.92
86	27.6	4.99	28.3	27.1	5.17	27.1	28.3	4.99	5.06
87	27.0	3.67	28.4	26.5	3.32	26.5	27.8	3.91	3.40
88	26.5	4.16	27.9	26.0	4.32	26.0	27.3	4.21	4.20
89	26.0	7.71	27.4	25.4	7.44	25.4	26.9	7.90	7.50
90	25.1	4.14	26.9	24.9	4.45	24.9	26.4	4.15	4.29
91	24.9	7.22	26.4	24.3	6.76	24.3	25.8	7.48	6.91
92	24.3	4.65	25.7	23.8	4.22	23.8	25.3	4.91	4.31
93	23.8	5.29	25.1	23.3	5.21	23.3	25.7	5.40	5.20
94	23.3	4.90	24.5	22.7	5.18	22.7	24.1	4.76	5.20
95	22.7	6.07	23.9	22.2	5.73	22.2	23.4	6.28	5.85
96	22.2	4.40	23.3	21.6	4.51	21.6	22.8	4.45	4.43
97	21.6	6.23	22.6	21.1	6.61	21.1	22.2	6.10	6.44
98	21.1	4.86	21.9	20.6	4.80	20.6	21.5	4.96	4.81
99	20.6	5.72	21.1	20.0	5.67	20.0	20.7	5.83	5.70
100	20.0	4.86	20.3	19.5	4.88	19.5	19.9	4.88	4.86
101	19.5	4.19	19.5	18.9	4.19	18.9	19.1	4.40	4.32
102	18.9	5.67	18.6	18.4	5.54	18.4	18.3	5.95	6.01
103	18.4	4.95	17.8	17.8	5.21	17.8	17.4	5.21	5.41
104	17.8	5.96	17.0	17.3	6.47	17.3	16.6	6.27	6.74
105	17.3	4.38	16.2	16.7	4.61	16.7	15.7	4.47	4.79

EQUIVALENT A.V. SCORES AND CONDITIONAL ERRORS OF EQUATING

ITBS READING (71 ED.) LEVEL 10 FORM 5, TOTAL READING EQUIVALENT TO STEP-II READING (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	STEP-II EQUIV. SCORE	ERROR	ERROR
24	16.3	5.97	15.3	15.3	5.16	16.2	16.2	6.25	14.9	14.9	7.01	7.01
23	16.2	4.47	14.5	14.5	3.19	15.7	15.7	4.67	14.1	14.1	5.54	5.54
22	15.7	4.50	13.6	13.6	6.11	15.1	15.1	5.00	13.2	13.2	6.68	6.68
21	15.1	4.29	12.3	12.3	4.70	14.6	14.6	4.28	12.5	12.5	4.83	4.83
20	14.6	7.40	11.9	11.9	10.04	14.0	14.0	7.99	11.6	11.6	10.33	10.33
19	14.1	10.00	11.2	11.2	12.75	13.5	13.5	10.56	10.8	10.8	13.13	13.13
18	13.5	4.89	10.4	10.4	6.62	12.9	12.9	5.13	10.1	10.1	6.84	6.84
17	13.0	4.62	9.8	9.8	6.16	12.4	12.4	4.79	9.5	9.5	6.36	6.36
16	12.4	3.52	9.4	9.4	5.92	11.9	11.9	3.87	9.0	9.0	6.28	6.28
15	11.9		8.9	8.9		11.3	11.3		8.6	8.6		
14	11.4		8.5	8.5		10.8	10.8		8.2	8.2		
13	10.8	.20	7.9	7.9	3.10	10.3	10.3	.70	7.7	7.7	3.30	3.30
12	10.3	7.54	7.3	7.3	10.33	9.7	9.7	8.09	7.2	7.2	10.43	10.43
11	9.7		6.7	6.7		9.2	9.2		6.7	6.7		
10	9.2	7.80	6.1	6.1	10.90	8.6	8.6	8.40	6.2	6.2	10.80	10.80
9	8.6		5.5	5.5		8.1	8.1		5.7	5.7		
8	8.1	4.90	4.9	4.9	8.10	7.5	7.5	5.50	5.2	5.2	7.80	7.80
7	7.6	.40	4.3	4.3	6.70	7.0	7.0	4.00	4.7	4.7	6.30	6.30
6	7.0		3.7	3.7		6.4	6.4		4.2	4.2		
5	6.5		3.2	3.2		5.9	5.9		3.7	3.7		
4	5.9		2.6	2.6		5.3	5.3		3.2	3.2		
3	5.3		2.0	2.0		4.8	4.8		2.7	2.7		
2	4.9		1.4	1.4		4.3	4.3		2.2	2.2		
1	4.3		.8	.8		3.7	3.7		1.7	1.7		
0	3.8		.2	.2		3.2	3.2		1.2	1.2		
AVERAGE ERROR		5.44			5.48			5.41			5.43	

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAP READING (70 ED.) ELEMENTARY FORM F, WORD KNOWLEDGE EQUATED TO SRA READING (71 ED.) BLUE FORM E, VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ERROR	SRA	EQUIV. SCORE	ERROR	SRA	EQUIV. SCORE	ERROR	SRA	EQUIV. SCORE	ERROR	SRA
50	35.1	4.60	41.5	2.35	2.35	35.0	41.5	4.69	41.5	2.85	2.85	41.5
49	34.2	4.11	40.1	5.34	5.34	34.2	40.1	4.11	40.1	5.34	5.34	40.1
48	33.3	5.92	38.5	5.84	5.84	33.4	38.5	5.84	38.5	5.84	5.84	38.5
47	32.5	5.37	36.5	5.40	5.40	32.5	36.5	5.37	36.5	5.44	5.44	36.5
46	31.6	5.17	34.4	5.15	5.15	31.7	34.4	5.15	34.4	5.28	5.28	34.4
45	30.7	4.64	32.4	4.58	4.58	30.8	32.4	4.62	32.4	4.59	4.59	32.4
44	29.8	5.45	30.3	5.56	5.56	30.0	30.3	5.49	30.3	5.62	5.62	30.3
43	28.0	5.29	28.3	5.22	5.22	28.2	28.3	5.33	28.3	5.23	5.23	28.3
42	28.1	6.28	26.4	5.74	5.74	28.3	26.4	6.37	26.4	5.83	5.83	26.4
41	27.2	5.51	24.6	4.95	4.95	27.5	24.6	5.65	24.6	4.96	4.96	24.6
40	26.3	6.12	23.1	5.29	5.29	26.6	23.1	6.28	23.1	5.30	5.30	23.1
39	25.4	7.11	21.7	6.40	6.40	25.8	21.7	7.30	21.7	6.37	6.37	21.7
38	24.6	6.68	20.5	4.64	4.64	24.9	20.5	6.89	20.5	5.03	5.03	20.5
37	23.7	5.77	19.4	4.99	4.99	24.1	19.4	7.05	20.0	5.06	5.06	20.0
36	22.8	6.22	18.4	5.72	5.72	23.2	18.4	6.41	19.0	5.59	5.59	19.0
35	21.9	5.96	17.6	4.98	4.98	22.4	17.6	6.28	18.1	4.92	4.92	18.1
34	21.1	6.33	16.7	4.28	4.28	21.5	16.7	6.63	17.4	4.38	4.38	17.4
33	20.2	5.27	16.1	4.17	4.17	20.7	16.1	5.60	16.6	4.11	4.11	16.6
32	19.3	5.71	15.4	4.16	4.16	19.8	15.4	6.00	16.0	4.80	4.80	16.0
31	18.4	5.43	14.8	4.11	4.11	19.0	14.8	5.75	15.4	4.73	4.73	15.4
30	17.5	5.33	14.3	4.12	4.12	18.2	14.3	5.80	14.8	4.17	4.17	14.8
29	16.7	4.71	13.9	3.15	3.15	17.3	13.9	5.06	14.3	3.95	3.95	14.3
28	15.8	3.73	13.5	4.14	4.14	16.5	13.5	3.87	13.9	3.98	3.98	13.9
27	14.9	3.29	13.1	2.83	2.83	15.6	13.1	3.70	13.5	2.84	2.84	13.5
26	14.0	6.30	12.7	6.34	6.34	14.8	12.7	6.41	13.1	6.30	6.30	13.1
25	13.1	3.86	12.4	3.82	3.82	14.0	12.4	4.09	12.8	3.83	3.83	12.8
24	12.3	3.83	12.0	3.78	3.78	13.1	12.0	4.08	12.4	3.86	3.86	12.4
23	11.4	3.12	11.7	3.14	3.14	12.3	11.7	3.26	12.1	3.21	3.21	12.1
22	10.5	3.48	11.3	3.45	3.45	11.4	11.3	3.46	11.7	3.51	3.51	11.7
21	9.6	4.08	11.0	3.76	3.76	10.6	11.0	3.80	11.4	3.76	3.76	11.4
20	8.8	4.52	10.6	3.72	3.72	9.7	10.6	4.04	11.0	3.64	3.64	11.0
19	7.9	4.72	10.3	3.41	3.41	8.9	10.3	4.05	10.7	3.32	3.32	10.7
18	7.0	7.33	9.9	5.50	5.50	8.0	9.9	6.65	10.3	5.31	5.31	10.3
17	6.1	6.47	9.5	4.02	4.02	7.2	9.5	5.57	10.0	3.79	3.79	10.0
16	5.2	6.74	9.1	3.73	3.73	6.3	9.1	5.79	9.6	3.47	3.47	9.6
15	4.4	6.01	8.6	3.10	3.10	5.5	8.6	5.07	9.1	2.96	2.96	9.1
14	3.5	5.07	8.2	3.39	3.39	4.6	8.2	6.08	8.6	3.20	3.20	8.6
13	2.6	5.13	7.7	3.10	3.10	3.8	7.7	7.00	8.1	3.43	3.43	8.1
12	1.7	4.08	7.2	4.22	4.22	3.0	7.2	7.87	7.6	4.05	4.05	7.6
11	0.9	9.92	6.7	4.50	4.50	2.1	6.7	8.76	7.0	4.25	4.25	7.0
10	0.0	11.20	6.0	5.02	5.02	1.3	6.0	9.96	6.5	5.31	5.31	6.5

TABLE 2173. ANCHOR TEST EQUATING STUDY: GRADE 4

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) ELEMENTARY FORM F, WORD KNOWLEDGE EQUATED TO SRA READING (71 ED.) BLUE FORM E, VOCABULARY

PROCEDURE 3

AVERAGE OF PROCEDURES 1 AND 2

MAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SRA EQUIV. SCORE	SRA SCORE	ERROR	SRA EQUIV. SCORE	SRA SCORE	ERROR	SRA EQUIV. SCORE	SRA SCORE	ERROR	SRA EQUIV. SCORE	SRA SCORE	ERROR
9	-	1.8	10.91	5.5	4.59	4.59	-	.5	9.57	5.9	4.67	
8	-	2.7	13.85	5.0	7.5	7.5	-	.4	12.48	5.3	7.08	
7	-	3.5	13.13	4.3	6.2	6.2	-	1.2	11.70	4.7	6.39	
6	-	4.4	14.46	3.7	7.56	7.56	-	2.1	13.11	3.9	7.48	
5	-	5.3	15.20	3.0	7.86	7.86	-	2.9	13.71	3.2	7.67	
4	-	6.2	11.86	2.4	4.65	4.65	-	3.8	10.40	2.4	4.65	
3	-	7.0		1.8			-	4.6		1.7		
2	-	7.9		1.1			-	5.5		1.0		
1	-	8.8		.5			-	6.3		.3		
0	-			.0			-	7.2		.0		
AVERAGE ERROR			6.41			4.91			6.17		4.87	

TABLE 2174. ANCHOR TEST READING STUDY: GRADE 4

EQUIVALENT RAW SCORES AND CONITIONAL ERRORS OF EQUATING

NAT READING (70 ED.) ELEMENTARY FORM 5, READING (COMPR.) EQUIVALED TO SRA READING (71 ED.) BLUE FORM E, READING (COMPR.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SRA EQUIV. SCORE	E ROR	SRA EQUIV. SCORE	E ROR	SRA EQUIV. SCORE	E ROR	SRA EQUIV. SCORE	E ROR	SRA EQUIV. SCORE	E ROR	SRA EQUIV. SCORE	E ROR
45	38.2	11.91	47.1	16.18	38.6	11.95	47.1	16.18	38.6	11.95	47.1	16.18
46	37.3	6.34	44.3	7.10	37.7	6.20	44.3	7.10	37.7	6.20	44.3	7.10
47	36.6	5.94	42.4	4.11	36.8	5.68	42.6	4.90	36.8	5.68	42.6	4.90
48	35.5	5.57	40.3	5.97	35.9	5.45	40.6	5.45	35.9	5.45	40.6	5.45
49	34.6	4.34	38.0	4.34	35.0	4.13	38.3	4.13	35.0	4.13	38.3	4.13
50	33.7	5.97	35.8	6.50	34.1	6.02	36.2	6.02	34.1	6.02	36.2	6.02
51	32.0	5.44	34.0	5.88	33.2	5.56	34.4	5.56	33.2	5.56	34.4	5.56
52	31.9	5.13	32.1	5.17	32.4	5.25	32.7	5.25	32.4	5.25	32.7	5.25
53	31.0	6.52	30.3	6.39	31.5	6.66	31.0	6.66	31.5	6.66	31.0	6.66
54	30.1	7.24	28.7	6.65	30.6	7.41	29.5	7.41	30.6	7.41	29.5	7.41
55	29.2	6.53	27.3	6.88	29.7	6.58	28.1	6.58	29.7	6.58	28.1	6.58
56	28.2	5.47	26.1	5.21	28.8	5.88	26.9	5.88	28.8	5.88	26.9	5.88
57	27.4	6.53	25.0	6.46	27.9	6.82	25.7	6.82	27.9	6.82	25.7	6.82
58	26.5	5.62	23.9	5.91	27.0	5.70	24.6	5.70	27.0	5.70	24.6	5.70
59	25.6	5.03	22.8	4.01	26.1	5.35	23.6	5.35	26.1	5.35	23.6	5.35
60	24.7	5.33	22.0	4.80	25.2	5.23	22.7	5.23	25.2	5.23	22.7	5.23
61	23.8	5.17	21.2	5.88	24.3	6.35	21.9	6.35	24.3	6.35	21.9	6.35
62	22.0	4.78	20.5	4.77	23.4	4.94	21.1	4.94	23.4	4.94	21.1	4.94
63	21.1	4.23	19.9	4.11	22.5	4.41	20.4	4.41	22.5	4.41	20.4	4.41
64	20.2	4.71	19.2	4.55	21.6	4.87	19.8	4.87	21.6	4.87	19.8	4.87
65	19.3	4.02	18.7	4.32	20.7	4.03	19.2	4.03	20.7	4.03	19.2	4.03
66	18.4	4.85	18.1	4.69	19.9	4.90	18.6	4.90	19.9	4.90	18.6	4.90
67	17.5	4.50	17.5	4.66	19.0	4.50	18.0	4.50	19.0	4.50	18.0	4.50
68	16.6	4.55	16.9	4.45	18.1	4.73	17.3	4.73	18.1	4.73	17.3	4.73
69	15.7	3.51	16.2	3.60	17.2	3.45	16.7	3.45	17.2	3.45	16.7	3.45
70	14.8	4.76	15.6	4.77	16.3	4.75	16.0	4.75	16.3	4.75	16.0	4.75
71	13.9	4.66	15.0	4.59	15.4	4.46	15.4	4.46	15.4	4.46	15.4	4.46
72	13.0	4.25	14.4	4.09	14.5	4.06	14.8	4.06	14.5	4.06	14.8	4.06
73	12.9	3.78	13.9	3.34	13.6	3.45	14.2	3.45	13.6	3.45	14.2	3.45
74	12.0	4.41	13.3	4.03	12.7	4.16	13.6	4.16	12.7	4.16	13.6	4.16
75	11.1	5.40	12.7	4.51	11.8	4.96	13.0	4.96	11.8	4.96	13.0	4.96
76	10.2	4.73	12.0	3.86	10.9	4.32	12.3	4.32	10.9	4.32	12.3	4.32
77	9.3	5.61	11.4	4.04	10.0	5.04	11.6	5.04	10.0	5.04	11.6	5.04
78	8.4	5.28	10.6	3.99	9.1	4.80	10.9	4.80	9.1	4.80	10.9	4.80
79	7.5	6.14	9.8	4.47	8.2	5.57	10.2	5.57	8.2	5.57	10.2	5.57
80	6.6	7.22	9.0	5.23	7.3	6.62	9.4	6.62	7.3	6.62	9.4	6.62
81	5.7	7.25	8.1	5.31	6.5	6.57	8.6	6.57	6.5	6.57	8.6	6.57
82	4.8	8.25	7.2	6.23	5.6	7.55	7.6	7.55	5.6	7.55	7.6	7.55
83	3.9	8.65	6.3	6.16	4.7	7.91	6.7	7.91	4.7	7.91	6.7	7.91
84	3.0	10.05	5.4	7.15	3.8	9.33	5.7	9.33	3.8	9.33	5.7	9.33
85	2.1	11.36	4.4	5.17	2.9	10.59	4.7	10.59	2.9	10.59	4.7	10.59

TABLE 2174. ANCHOR TEST EQUATING STUDY: GRADE 4

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) ELEMENTARY FORM F, READING (COMPR.) EQUATED TO SRA READING (71 ED.) BLUE FORM E, READING (COMPR.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	SRA EQUIV. SCORE	F ROR	SRA EQUIV. SCORE	SRA EQUIV. SCORE	F ROR	SRA EQUIV. SCORE	SRA EQUIV. SCORE	ERROR	ERROR
4	1.2	10.03	3.6	2.0	8.14	3.9	2.0	9.35	7.81
3	.3	11.58	2.6	1.1	9.10	3.0	1.1	10.79	8.90
2	-		1.7	.2		2.1	.2		
1	- 1.5		.9	- .7		1.3	- .7		
0	- 2.4		.0	- 1.6		.5	- 1.6		
AVERAGE ERROR		5.61			5.16			5.49	5.11

TABLE 2175. ANCHOR TEST EQUATING STUDY: GRADE 4

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAY READING (70 ED.) ELEMENTARY FORM F, TOTAL READING EQUIATED TO SRA READING (71 ED.) BLUE FORM E, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SRA EQUIV. SCORE	ERROR	FAPTR	SRA EQUIV. SCORE	ERROR	FAPTR	SRA EQUIV. SCORE	ERROR	FAPTR	SRA EQUIV. SCORE	ERROR	FAPTR
95	73.3	9.70	6.10	73.5	9.50	6.10	73.5	9.50	6.10	89.5	6.50	6.50
94	72.4	6.50	7.78	72.6	6.32	7.78	72.6	6.32	7.78	87.3	9.68	9.68
93	71.5	19.57	25.12	71.8	19.62	25.12	71.8	19.62	25.12	85.3	25.42	25.42
92	70.6	12.07	4.65	70.9	11.79	4.65	70.9	11.79	4.65	83.4	4.61	4.61
91	69.7	10.81	9.52	70.0	10.61	9.52	70.0	10.61	9.52	81.7	9.52	9.52
90	68.8	10.41	6.38	69.2	10.09	6.38	69.2	10.09	6.38	79.8	6.45	6.45
89	67.9	10.22	5.95	69.3	9.89	5.95	69.3	9.89	5.95	77.6	5.99	5.99
88	67.0	11.55	10.52	67.4	11.36	10.52	67.4	11.36	10.52	75.5	10.54	10.54
87	66.2	6.43	6.25	66.6	6.21	6.25	66.6	6.21	6.25	73.5	6.43	6.43
86	65.3	7.23	5.37	65.7	7.01	5.37	65.7	7.01	5.37	71.5	5.35	5.35
85	64.4	6.90	6.45	64.8	6.74	6.45	64.8	6.74	6.45	69.5	6.62	6.62
84	63.5	9.26	9.37	64.0	9.29	9.37	64.0	9.29	9.37	67.4	9.49	9.49
83	62.6	7.93	7.97	63.1	7.89	7.97	63.1	7.89	7.97	65.4	8.08	8.08
82	61.7	10.73	11.07	62.2	10.86	11.07	62.2	10.86	11.07	63.5	11.23	11.23
81	60.8	5.18	9.14	61.4	5.08	9.14	61.4	5.08	9.14	61.9	9.03	9.03
80	59.9	5.48	5.47	60.5	5.36	5.47	60.5	5.36	5.47	60.1	5.50	5.50
79	59.0	6.55	8.86	59.6	8.51	8.86	59.6	8.51	8.86	58.4	8.63	8.63
78	58.1	10.80	10.18	58.8	11.08	10.18	58.8	11.08	10.18	56.9	10.41	10.41
77	57.3	10.17	54.4	57.9	10.27	54.4	57.9	10.27	54.4	55.5	10.09	10.09
76	56.4	7.99	7.08	57.0	8.23	7.08	57.0	8.23	7.08	54.0	7.20	7.20
75	55.5	9.07	6.98	56.2	8.46	6.98	56.2	8.46	6.98	52.7	7.03	7.03
74	54.6	8.94	7.63	55.3	9.32	7.63	55.3	9.32	7.63	51.4	7.80	7.80
73	53.7	9.62	7.51	54.4	10.08	7.51	54.4	10.08	7.51	50.1	7.83	7.83
72	52.8	9.78	7.53	53.6	10.31	7.53	53.6	10.31	7.53	48.9	7.84	7.84
71	51.9	5.95	5.11	52.7	6.47	5.11	52.7	6.47	5.11	47.7	4.75	4.75
70	51.0	9.28	9.06	51.9	9.64	9.06	51.9	9.64	9.06	46.5	9.78	9.78
69	50.1	11.93	10.67	51.0	12.39	10.67	51.0	12.39	10.67	45.4	10.52	10.52
68	49.2	10.36	9.87	50.1	10.73	9.87	50.1	10.73	9.87	44.4	9.66	9.66
67	48.4	10.26	8.51	49.3	10.80	8.51	49.3	10.80	8.51	43.5	8.54	8.54
66	47.5	10.18	7.56	48.4	10.80	7.56	48.4	10.80	7.56	42.5	7.76	7.76
65	46.6	9.33	8.72	47.5	9.88	8.72	47.5	9.88	8.72	41.6	8.07	8.07
64	45.7	10.57	8.17	46.7	11.14	8.17	46.7	11.14	8.17	40.8	8.90	8.90
63	44.8	7.61	7.29	45.8	8.12	7.29	45.8	8.12	7.29	40.0	6.39	6.39
62	43.9	9.43	7.31	44.9	10.14	7.31	44.9	10.14	7.31	39.1	7.41	7.41
61	43.0	9.01	7.23	44.1	9.70	7.23	44.1	9.70	7.23	38.4	7.24	7.24
60	42.1	9.22	6.34	43.2	10.05	6.34	43.2	10.05	6.34	37.6	6.67	6.67
59	41.2	9.01	8.19	42.4	9.58	8.19	42.4	9.58	8.19	36.9	8.21	8.21
58	40.3	6.11	6.00	41.5	6.60	6.00	41.5	6.60	6.00	36.1	6.18	6.18
57	39.5	5.33	5.04	40.6	5.82	5.04	40.6	5.82	5.04	35.4	5.42	5.42
56	38.6	9.38	7.13	39.8	10.13	7.13	39.8	10.13	7.13	34.9	7.80	7.80
55	37.7	8.80	8.13	38.9	9.30	8.13	38.9	9.30	8.13	34.2	8.20	8.20

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) ELEMENTARY FORM F, TOTAL READING EQUATED TO SRA READING (71 ED.) BLUE FORM E, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD				EQUIPERCENTILE METHOD				LINEAR METHOD				EQUIPERCENTILE METHOD			
	SRA	EQUIV. SCORE	ERROR	ERROR	SRA	EQUIV. SCORE	ERROR	ERROR	SRA	EQUIV. SCORE	ERROR	ERROR	SRA	EQUIV. SCORE	ERROR	ERROR
54	36.8	7.92	32.3	6.24	39.0	8.60	33.5	6.40	39.0	8.60	33.5	6.40	39.0	8.60	33.5	6.40
53	35.8	7.18	31.7	5.33	37.2	8.11	32.9	5.61	37.2	8.11	32.9	5.61	37.2	8.11	32.9	5.61
52	35.0	7.90	31.1	6.11	36.3	8.25	32.3	7.84	36.3	8.25	32.3	7.84	36.3	8.25	32.3	7.84
51	34.1	5.59	30.5	6.26	35.4	5.88	31.7	5.79	35.4	5.88	31.7	5.79	35.4	5.88	31.7	5.79
50	33.2	5.33	29.9	6.44	34.6	5.43	31.1	5.85	34.6	5.43	31.1	5.85	34.6	5.43	31.1	5.85
49	32.3	7.75	29.4	8.25	33.7	7.88	30.5	7.94	33.7	7.88	30.5	7.94	33.7	7.88	30.5	7.94
48	31.4	6.59	29.0	7.21	32.8	6.62	30.0	6.85	32.8	6.62	30.0	6.85	32.8	6.62	30.0	6.85
47	30.6	11.46	28.5	11.74	32.0	11.48	29.5	11.56	32.0	11.48	29.5	11.56	32.0	11.48	29.5	11.56
46	29.7	7.63	28.1	7.07	31.1	8.69	29.0	7.46	31.1	8.69	29.0	7.46	31.1	8.69	29.0	7.46
45	28.8	6.08	27.6	5.97	30.2	6.48	28.6	6.04	30.2	6.48	28.6	6.04	30.2	6.48	28.6	6.04
44	27.9	4.15	27.2	4.08	29.4	4.67	28.1	4.19	29.4	4.67	28.1	4.19	29.4	4.67	28.1	4.19
43	27.0	4.79	26.8	4.11	28.5	4.25	27.7	4.10	28.5	4.25	27.7	4.10	28.5	4.25	27.7	4.10
42	26.1	5.34	26.4	7.25	27.6	7.02	27.3	7.06	27.6	7.02	27.3	7.06	27.6	7.02	27.3	7.06
41	25.2	6.06	26.0	5.59	26.8	5.20	26.9	5.16	26.8	5.20	26.9	5.16	26.8	5.20	26.9	5.16
40	24.3	4.19	25.6	3.90	25.9	3.89	26.4	3.92	25.9	3.89	26.4	3.92	25.9	3.89	26.4	3.92
39	23.4	6.44	25.2	6.01	25.0	6.03	26.0	5.95	25.0	6.03	26.0	5.95	25.0	6.03	26.0	5.95
38	22.5	7.98	24.8	7.82	24.2	7.80	25.7	7.93	24.2	7.80	25.7	7.93	24.2	7.80	25.7	7.93
37	21.7	5.82	24.4	5.01	23.3	5.19	25.2	5.03	23.3	5.19	25.2	5.03	23.3	5.19	25.2	5.03
36	20.8	6.67	24.0	5.10	22.4	5.72	24.8	4.95	22.4	5.72	24.8	4.95	22.4	5.72	24.8	4.95
35	19.9	6.65	23.6	5.27	21.6	5.77	24.4	5.27	21.6	5.77	24.4	5.27	21.6	5.77	24.4	5.27
34	19.0	8.01	23.2	5.79	20.7	6.89	24.0	5.53	20.7	6.89	24.0	5.53	20.7	6.89	24.0	5.53
33	18.1	5.88	22.8	6.94	19.8	6.64	23.6	6.64	19.8	6.64	23.6	6.64	19.8	6.64	23.6	6.64
32	17.2	11.15	22.4	8.04	19.0	9.88	23.1	7.80	19.0	9.88	23.1	7.80	19.0	9.88	23.1	7.80
31	16.3	10.10	22.0	6.59	18.1	9.75	22.7	5.39	18.1	9.75	22.7	5.39	18.1	9.75	22.7	5.39
30	15.4	10.53	21.6	5.62	17.2	8.94	22.3	5.24	17.2	8.94	22.3	5.24	17.2	8.94	22.3	5.24
29	14.5	9.25	21.1	5.22	16.4	7.73	21.7	5.13	16.4	7.73	21.7	5.13	16.4	7.73	21.7	5.13
28	13.6	12.93	20.5	7.54	15.5	11.29	21.2	7.14	15.5	11.29	21.2	7.14	15.5	11.29	21.2	7.14
27	12.8	14.45	20.0	9.27	14.6	12.97	20.7	8.91	14.6	12.97	20.7	8.91	14.6	12.97	20.7	8.91
26	11.9	11.17	19.5	5.08	13.8	9.44	20.2	4.74	13.8	9.44	20.2	4.74	13.8	9.44	20.2	4.74
25	11.0	12.42	18.9	5.40	12.9	10.62	19.6	4.91	12.9	10.62	19.6	4.91	12.9	10.62	19.6	4.91
24	10.1	13.70	18.4	6.67	12.0	11.95	19.1	6.22	12.0	11.95	19.1	6.22	12.0	11.95	19.1	6.22
23	9.2	14.28	17.8	6.74	11.2	12.40	18.5	6.25	11.2	12.40	18.5	6.25	11.2	12.40	18.5	6.25
22	8.3	14.44	17.0	7.35	10.3	13.51	17.9	6.60	10.3	13.51	17.9	6.60	10.3	13.51	17.9	6.60
21	7.4	15.18	16.2	7.21	9.5	13.18	17.1	6.51	9.5	13.18	17.1	6.51	9.5	13.18	17.1	6.51
20	6.5	16.94	15.3	8.35	8.6	14.95	16.2	7.51	8.6	14.95	16.2	7.51	8.6	14.95	16.2	7.51
19	5.6	16.59	14.5	8.86	7.7	15.3	15.3	8.21	7.7	15.3	15.3	8.21	7.7	15.3	15.3	8.21
18	4.7	17.16	13.7	8.52	6.9	15.01	14.5	7.79	6.9	15.01	14.5	7.79	6.9	15.01	14.5	7.79
17	3.9	19.08	12.8	10.31	6.0	17.03	13.7	9.68	6.0	17.03	13.7	9.68	6.0	17.03	13.7	9.68
16	3.0	18.62	12.0	8.08	5.1	16.53	12.9	8.79	5.1	16.53	12.9	8.79	5.1	16.53	12.9	8.79
15	2.1	18.98	11.2	10.15	4.3	16.92	12.0	10.21	4.3	16.92	12.0	10.21	4.3	16.92	12.0	10.21
14	1.2	29.02	10.1	10.11	3.4	22.85	10.9	15.54	3.4	22.85	10.9	15.54	3.4	22.85	10.9	15.54

TABLE 2175. ANCHOR TEST EQUATING STUDY: GRADE 4

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) ELEMENTARY FORM F, TOTAL READING-EQUATED TO SRA READING (71 ED.) BLUE FORM E, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

MAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	SRA EQUIV. SCORE	ERROR	SRA EQUIV. SCORE	ERROR	SRA EQUIV. SCORE	ERROR	SRA EQUIV. SCORE	ERROR	ERROR
13	3	22.53	9.0	14.16	2.6	20.32	9.7	13.73	
12	6	18.60	7.9	10.0	1.7	16.30	8.5	9.50	
11	1.5	15.65	6.8	7.19	.8	13.40	7.4	7.14	
10	2.4	21.66	5.6	13.78	.0	19.29	6.1	13.29	
9	3.3		4.5		.9		5.0		
8	4.2		3.4		1.8		3.8		
7	5.1		2.3		2.6		2.6		
6	5.9		1.2		3.5		2.0		
5	6.8		.1		4.4		1.5		
4	7.7		.0		5.2		1.0		
3	8.6		.0		6.1		.6		
2	9.5		.0		6.9		.1		
1	10.4		.0		7.8		.0		
0	11.3		.0		8.7		.0		
AVERAGE ERROR		9.96		7.69		9.60		7.58	

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 3 FORM A, VOCABULARY EQUATED TO SAT READING (64 ED.) INTERMEDIATE FORM W, WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	E-ERR	SAT EQUIV. SCORE	E-ERR	SAT EQUIV. SCORE	E-ERR	SAT EQUIV. SCORE	E-ERR	SAT EQUIV. SCORE	E-ERR	SAT EQUIV. SCORE	E-ERR
40	36.2	4.61	42.4	7.24	34.9	4.32	42.7	7.49	34.9	4.32	42.7	7.49
39	33.1	6.37	38.8	7.14	33.8	5.89	39.3	4.69	33.8	5.89	39.3	4.69
38	32.1	5.97	36.1	5.73	32.9	5.71	36.6	5.78	32.9	5.71	36.6	5.78
37	31.0	5.33	33.3	5.06	31.8	5.12	34.0	5.18	31.8	5.12	34.0	5.18
36	30.0	6.01	30.9	5.94	30.7	5.95	31.8	6.01	30.7	5.95	31.8	6.01
35	28.9	5.53	28.8	5.68	29.7	5.76	29.8	5.78	29.7	5.76	29.8	5.78
34	27.1	5.74	26.9	5.65	28.6	5.91	28.0	5.76	28.6	5.91	28.0	5.76
33	26.8	5.25	25.3	5.35	27.6	5.37	26.4	5.23	27.6	5.37	26.4	5.23
32	26.8	5.05	23.9	5.22	26.5	5.24	24.9	4.94	26.5	5.24	24.9	4.94
31	24.7	4.63	22.5	4.50	25.5	4.93	23.6	4.43	25.5	4.93	23.6	4.43
30	23.6	4.43	21.2	4.10	24.4	4.56	22.3	4.54	24.4	4.56	22.3	4.54
29	22.4	5.06	20.1	4.30	23.4	5.52	21.2	4.48	23.4	5.52	21.2	4.48
28	21.5	5.60	19.1	4.89	22.4	5.33	20.1	4.80	22.4	5.33	20.1	4.80
27	20.5	4.24	18.1	4.04	21.4	4.65	19.1	3.95	21.4	4.65	19.1	3.95
26	19.4	4.82	17.1	3.71	20.3	5.14	18.1	4.62	20.3	5.14	18.1	4.62
25	18.4	4.74	16.3	3.28	19.3	5.06	17.2	4.31	19.3	5.06	17.2	4.31
24	17.3	4.71	15.5	5.39	18.2	4.60	16.4	4.98	18.2	4.60	16.4	4.98
23	16.2	4.90	14.8	5.34	17.2	4.81	15.6	5.05	17.2	4.81	15.6	5.05
22	15.2	4.51	14.2	4.59	16.1	4.63	14.9	4.51	16.1	4.63	14.9	4.51
21	14.1	3.59	13.5	3.75	15.1	3.53	14.2	3.57	15.1	3.53	14.2	3.57
20	13.1	3.97	12.9	4.02	14.0	3.80	13.5	3.87	14.0	3.80	13.5	3.87
19	12.0	5.24	12.2	5.17	13.0	4.93	12.9	4.96	13.0	4.93	12.9	4.96
18	11.0	5.36	11.6	5.09	12.0	4.95	12.3	4.86	12.0	4.95	12.3	4.86
17	9.9	4.46	10.9	4.07	10.9	4.07	11.7	3.92	10.9	4.07	11.7	3.92
16	8.8	5.56	10.3	4.66	9.9	4.87	11.0	4.35	9.9	4.87	11.0	4.35
15	7.3	5.64	9.7	4.31	8.9	4.83	10.4	3.94	8.9	4.83	10.4	3.94
14	6.7	6.23	9.1	4.29	7.8	5.30	9.8	3.82	7.8	5.30	9.8	3.82
13	5.7	7.70	8.4	5.76	6.8	6.25	9.1	5.36	6.8	6.25	9.1	5.36
12	4.6	8.21	7.8	5.32	5.7	7.19	8.4	4.82	5.7	7.19	8.4	4.82
11	3.6	7.21	7.1	6.44	4.7	6.26	7.7	4.06	4.7	6.26	7.7	4.06
10	2.5	8.96	6.3	5.86	3.6	8.02	6.9	5.58	3.6	8.02	6.9	5.58
9	1.4	10.12	5.6	6.29	2.6	9.01	6.1	5.99	2.6	9.01	6.1	5.99
8	.4	1.89	4.8	5.03	1.6	7.78	5.3	4.66	1.6	7.78	5.3	4.66
7	.7	14.55	4.1	9.95	.5	13.40	4.5	9.58	.5	13.40	4.5	9.58
6	1.7	12.05	3.4	8.43	.5	11.84	3.8	8.11	.5	11.84	3.8	8.11
5	2.8	11.01	2.7	6.01	1.5	9.78	3.0	5.76	1.5	9.78	3.0	5.76
4	3.8	12.56	2.0	7.21	2.6	11.41	2.2	7.04	2.6	11.41	2.2	7.04
3	4.9	15.90	1.3	9.70	3.6	14.60	1.4	9.60	3.6	14.60	1.4	9.60
2	6.0	10.00	.6	3.70	4.7	9.70	.6	3.40	4.7	9.70	.6	3.40
1	7.0		.0		5.7		.3		5.7		.3	
0	8.1		.0		6.8		.0		6.8		.0	

TABLE 2176. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT NAW SCORES AND CONDITIONAL ERRORS OF EQUATING

* CAT READING (70 ED.) LEVEL 3 FORM A, VOCABULARY EQUATED TO SAT READING (64 ED.) INTERMEDIATE (FORM W, WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT RAW SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR
AVERAGE ERROR			5.59			5.77			5.45			4.98

TABLE 2177. ANCHOR YES. STATING STUDY: GRADE 5

EQUIVALENT FM SCORES AND CONDITIONAL ERRORS OF EQUATING

CNC READING (70 EQ.) LEVEL 3 FORM A, COMPREHENSION EQUATED TO SAT READING (64 EQ.) INTERMEDIATE IIFORM W, PARAGRAPH MEANING

PROCEDURE 3

AVERAGE OF PROCEDURES 1 AND 2

LINEAR METHOD				EQUIPERCENTILE METHOD				LINEAR METHOD				EQUIPERCENTILE METHOD			
RAW SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR
42	52.2	5.97	62.2	53.2	5.0	53.2	5.07	62.4	5.28	53.2	5.07	62.4	5.28	53.2	5.07
41	50.7	6.06	57.7	51.8	5.19	51.8	5.52	58.4	5.52	51.8	5.52	58.4	5.52	51.8	5.52
40	49.3	5.50	54.9	50.3	7.41	50.3	5.57	55.7	7.96	50.3	5.57	55.7	7.96	50.3	5.57
39	47.8	6.23	52.4	48.8	7.38	48.8	6.21	53.3	7.90	48.8	6.21	53.3	7.90	48.8	6.21
38	46.3	6.36	49.8	47.3	5.22	47.3	5.84	50.8	5.30	47.3	5.84	50.8	5.30	47.3	5.84
37	44.8	5.27	47.5	45.9	5.25	45.9	5.10	48.5	5.59	45.9	5.10	48.5	5.59	45.9	5.10
36	43.4	7.84	45.2	44.4	7.83	44.4	7.78	46.2	8.01	44.4	7.78	46.2	8.01	44.4	7.78
35	41.9	6.98	42.9	42.9	7.17	42.9	7.17	44.0	7.52	42.9	7.17	44.0	7.52	42.9	7.17
34	40.4	7.05	40.8	40.8	6.97	40.8	6.87	41.5	6.85	40.8	6.87	41.5	6.85	40.8	6.87
33	39.0	6.92	38.7	38.7	6.91	38.7	7.07	39.8	7.03	38.7	7.07	39.8	7.03	38.7	7.07
32	37.5	6.44	36.5	36.5	6.38	36.5	6.65	37.9	6.50	36.5	6.65	37.9	6.50	36.5	6.65
31	36.0	7.44	34.6	34.6	7.75	34.6	7.37	35.9	7.45	34.6	7.37	35.9	7.45	34.6	7.37
30	34.6	7.09	32.9	32.9	7.17	32.9	7.22	34.0	7.07	32.9	7.22	34.0	7.07	32.9	7.22
29	33.1	8.17	31.2	31.2	7.82	31.2	8.52	32.2	7.85	31.2	8.52	32.2	7.85	31.2	8.52
28	31.6	6.73	29.5	29.5	7.00	29.5	6.84	30.7	6.75	29.5	6.84	30.7	6.75	29.5	6.84
27	30.2	6.25	27.8	27.8	6.45	27.8	6.43	29.1	6.23	27.8	6.43	29.1	6.23	27.8	6.43
26	28.7	7.76	26.2	26.2	8.43	26.2	7.71	27.4	8.02	26.2	7.71	27.4	8.02	26.2	7.71
25	27.2	7.08	24.9	24.9	7.09	24.9	7.34	25.9	6.99	24.9	7.34	25.9	6.99	24.9	7.34
24	25.8	1.10	23.4	23.4	3.4	23.4	8.17	24.6	8.19	23.4	8.17	24.6	8.19	23.4	8.17
23	24.3	6.86	22.1	22.1	6.8	22.1	7.13	23.2	6.73	22.1	7.13	23.2	6.73	22.1	7.13
22	22.8	6.77	21.0	21.0	7.14	21.0	6.82	22.0	6.83	21.0	6.82	22.0	6.83	21.0	6.82
21	21.3	8.45	20.0	20.0	8.10	20.0	8.29	20.9	8.54	20.0	8.29	20.9	8.54	20.0	8.29
20	19.9	7.39	19.0	19.0	7.71	19.0	7.14	19.9	7.39	19.0	7.14	19.9	7.39	19.0	7.14
19	18.4	6.00	18.1	18.1	6.05	18.1	5.94	19.0	5.95	18.1	5.94	19.0	5.95	18.1	5.94
18	16.9	6.86	17.3	17.3	6.61	17.3	6.21	18.1	6.15	17.3	6.21	18.1	6.15	17.3	6.21
17	15.4	5.77	16.4	16.4	5.39	16.4	5.34	17.2	5.14	16.4	5.34	17.2	5.14	16.4	5.34
16	14.0	9.09	15.7	15.7	7.90	15.7	8.30	16.3	7.53	15.7	8.30	16.3	7.53	15.7	8.30
15	12.5	7.55	14.9	14.9	6.03	14.9	6.79	15.4	5.79	14.9	6.79	15.4	5.79	14.9	6.79
14	11.1	6.73	14.1	14.1	5.08	14.1	9.24	14.7	7.48	14.1	9.24	14.7	7.48	14.1	9.24
13	9.6	9.93	13.2	13.2	7.74	13.2	8.65	13.8	8.56	13.2	8.65	13.8	8.56	13.2	8.65
12	8.1	8.65	12.4	12.4	5.93	12.4	10.10	12.9	5.56	12.4	10.10	12.9	5.56	12.4	10.10
11	6.7	11.55	11.4	11.4	6.70	11.4	10.10	12.0	6.13	11.4	10.10	12.0	6.13	11.4	10.10
10	5.2	12.31	10.3	10.3	7.52	10.3	11.09	10.8	7.12	10.3	11.09	10.8	7.12	10.3	11.09
9	3.7	11.99	9.3	9.3	7.06	9.3	10.97	9.7	6.75	9.3	10.97	9.7	6.75	9.3	10.97
8	2.2	7.93	8.1	8.1	4.38	8.1	8.86	8.5	4.04	8.1	8.86	8.5	4.04	8.1	8.86
7	.8	16.30	6.9	6.9	10.36	6.9	15.32	7.3	9.98	6.9	15.32	7.3	9.98	6.9	15.32
6	.7		5.8	5.8		5.8		6.0		5.8		6.0		5.8	
5	2.2	17.20	5.0	5.0	10.00	5.0	16.10	5.1	9.90	5.0	16.10	5.1	9.90	5.0	16.10
4	3.6		4.2	4.2		4.2		4.3		4.2		4.3		4.2	
3	5.1	20.10	3.4	3.4	11.60	3.4	19.00	3.5	11.50	3.4	19.00	3.5	11.50	3.4	19.00
2	6.6		2.5	2.5		2.5		2.6		2.5		2.6		2.5	

TABLE 2177. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT A1 SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 3 FORM A, COMPREHENSION EQUATED TO SAT READING (64 ED.) INTERMEDIATE INFORM W, PARAGRAPH MEANING

PROCEDURE 3

AVERAGE OF PROCEDURES 1 AND 2

CAT R/W SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	ERROR
1	- 8.0		1.7		- 7.0		1.8		
0	- 9.5		.9		- 8.4		1.0		
AVERAGE ERROR		7.41		7.11		7.29		7.01	

TABLE 2178. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT ANCHOR TEST SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 3 FORM A, TOTAL READING EQUATED TO SAT READING (64 ED.) INTERMEDIATE INFORM W, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR
32	84.9	11.10	11.10	108.9	11.50	11.50	87.5	9.50	9.50	103.6	11.60	11.60
31	84.7	8.46	8.46	103.6	17.19	17.19	86.3	7.36	7.36	106.4	14.62	14.62
30	83.4	16.52	16.52	98.9	2.55	2.55	85.0	14.94	14.94	100.0	2.87	2.87
29	82.1	11.76	11.76	95.7	8.30	8.30	83.8	10.46	10.46	96.6	8.80	8.80
28	80.9	10.04	10.04	92.6	10.51	10.51	82.5	9.32	9.32	93.7	11.51	11.51
27	79.6	9.71	9.71	89.9	9.20	9.20	81.2	8.88	8.88	91.2	9.92	9.92
26	78.3	8.16	8.16	86.8	5.03	5.03	80.0	6.84	6.84	88.5	5.85	5.85
25	77.1	13.13	13.13	84.3	10.30	10.30	78.8	12.14	12.14	85.8	10.27	10.27
24	75.8	9.49	9.49	81.8	8.83	8.83	77.5	8.91	8.91	83.6	9.40	9.40
23	74.5	9.80	9.80	79.4	7.93	7.93	76.3	8.92	8.92	81.4	7.89	7.89
22	73.3	9.13	9.13	77.0	10.03	10.03	75.0	9.38	9.38	79.2	11.13	11.13
21	72.0	10.49	10.49	74.6	9.07	9.07	73.8	9.45	9.45	76.9	8.31	8.31
20	70.8	9.77	9.77	72.2	9.26	9.26	72.5	9.18	9.18	74.6	8.85	8.85
19	69.5	11.19	11.19	70.0	11.03	11.03	71.3	10.68	10.68	72.4	10.51	10.51
18	68.2	9.24	9.24	67.9	9.32	9.32	70.0	8.95	8.95	70.3	8.94	8.94
17	67.0	10.73	10.73	65.8	11.11	11.11	68.7	10.41	10.41	68.1	10.49	10.49
16	65.7	8.45	8.45	63.8	8.47	8.47	67.5	8.83	8.83	65.2	8.52	8.52
15	64.4	1.71	1.71	61.8	8.52	8.52	66.3	9.31	9.31	64.3	8.58	8.58
14	63.2	1.75	1.75	60.1	2.77	2.77	65.0	9.23	9.23	62.4	8.55	8.55
13	61.9	8.02	8.02	58.4	5.43	5.43	63.8	7.89	7.89	60.8	8.30	8.30
12	60.6	11.68	11.68	56.8	12.13	12.13	62.5	11.86	11.86	59.2	11.75	11.75
11	59.4	10.14	10.14	55.2	9.59	9.59	61.2	10.95	10.95	57.7	9.62	9.62
10	58.1	9.57	9.57	53.7	9.65	9.65	60.0	10.15	10.15	56.1	9.35	9.35
9	56.8	8.62	8.62	52.3	7.59	7.59	58.8	9.73	9.73	54.6	7.81	7.81
8	55.6	9.20	9.20	51.0	9.82	9.82	57.5	9.59	9.59	53.2	9.25	9.25
7	54.3	9.00	9.00	49.6	7.28	7.28	56.2	10.24	10.24	51.9	7.79	7.79
6	53.1	9.02	9.02	48.2	9.76	9.76	55.0	9.43	9.43	50.3	9.13	9.13
5	51.8	7.53	7.53	47.0	8.19	8.19	53.8	8.12	8.12	48.9	7.58	7.58
4	50.5	8.63	8.63	45.7	9.56	9.56	52.5	9.01	9.01	47.7	8.87	8.87
3	49.3	8.99	8.99	44.5	9.42	9.42	51.2	9.50	9.50	46.5	9.54	9.54
2	48.0	10.00	10.00	43.3	9.76	9.76	50.0	10.74	10.74	45.3	9.59	9.59
1	46.7	1.91	1.91	42.1	11.72	11.72	48.7	9.75	9.75	44.3	10.66	10.66
0	45.5	6.13	6.13	41.0	8.36	8.36	47.5	6.46	6.46	43.2	7.13	7.13
43	44.2	9.20	9.20	39.9	10.49	10.49	46.3	9.26	9.26	42.1	9.61	9.61
42	42.9	5.92	5.92	38.9	5.30	5.30	45.0	8.06	8.06	41.1	6.34	6.34
41	41.7	8.58	8.58	37.9	7.92	7.92	43.7	9.53	9.53	40.0	8.07	8.07
40	40.4	11.13	11.13	37.0	11.75	11.75	42.5	11.25	11.25	39.0	11.27	11.27
39	39.1	7.80	7.80	36.1	9.46	9.46	41.2	8.92	8.92	38.0	8.93	8.93
38	37.9	1.41	1.41	35.2	8.16	8.16	40.0	7.48	7.48	37.0	7.56	7.56
37	36.6	9.24	9.24	34.4	9.77	9.77	39.7	9.21	9.21	36.1	9.32	9.32
36	35.3	10.25	10.25	33.6	10.95	10.95	37.5	9.70	9.70	35.4	10.21	10.21

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

CIT READING (70 ED.) LEVEL 3 FORM A, TOTAL READING EQUIATED TO SAT READING (54 ED.) INTERMEDIATE FORM W, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURES

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	ERROR
41	34.1	8.50	32.8	35.2	8.41	36.2	34.7	8.74	34.7	34.7	8.52	
40	32.8	7.76	32.1	35.0	7.01	35.0	33.9	7.72	33.9	33.9	7.66	
39	31.6	7.29	31.4	33.7	7.17	33.7	32.4	7.82	32.4	32.4	7.65	
38	30.3	6.54	30.7	32.5	6.36	32.5	31.6	5.84	31.6	31.6	5.85	
37	29.0	10.39	30.0	31.2	9.98	31.2	30.8	9.60	30.8	30.8	9.50	
36	27.8	8.54	29.3	30.0	7.58	30.0	29.1	7.19	29.1	29.1	6.81	
35	26.5	10.15	28.7	28.7	9.01	28.7	28.4	9.01	28.4	28.4	8.50	
34	25.2	8.21	28.0	27.5	7.11	27.5	27.4	7.24	27.4	27.4	6.93	
33	24.0	7.87	27.3	26.2	6.10	26.2	26.2	6.62	26.2	26.2	5.91	
32	22.7	10.07	26.7	25.0	7.22	25.0	25.0	8.32	25.0	25.0	6.55	
31	21.4	11.42	26.0	23.7	8.29	23.7	23.7	9.71	23.7	23.7	7.67	
30	20.2	10.52	25.4	22.5	6.92	22.5	22.5	8.74	22.5	22.5	6.37	
29	18.9	6.77	24.6	21.2	5.67	21.2	21.2	7.88	21.2	21.2	5.15	
28	17.6	12.68	23.9	20.0	7.57	20.0	20.0	10.59	20.0	20.0	6.72	
27	16.4	14.59	23.1	18.7	3.80	18.7	18.7	12.42	18.7	18.7	7.82	
26	15.1	12.34	22.4	17.4	3.42	17.4	17.4	10.53	17.4	17.4	5.59	
25	13.9	13.48	21.6	16.2	8.42	16.2	16.2	11.67	16.2	16.2	7.99	
24	12.6	12.97	20.8	15.0	6.28	15.0	15.0	10.80	15.0	15.0	5.60	
23	11.3	15.56	20.0	13.7	8.35	13.7	13.7	13.40	13.7	13.7	7.60	
22	10.1	15.74	19.1	12.5	11.38	12.5	12.5	17.45	12.5	12.5	10.35	
21	8.8	17.29	18.1	11.2	9.21	11.2	11.2	15.07	11.2	11.2	8.29	
20	7.5	18.64	17.2	10.4	11.48	10.4	10.4	16.63	10.4	10.4	10.87	
19	6.3	19.07	16.1	9.7	10.87	9.7	9.7	17.67	9.7	9.7	9.68	
18	5.0	22.53	15.0	8.7	12.92	8.7	8.7	20.10	8.7	8.7	11.63	
17	3.7	18.79	13.9	7.5	10.46	7.5	7.5	17.41	7.5	7.5	9.49	
16	2.5	21.64	12.6	6.2	13.64	6.2	6.2	19.56	6.2	6.2	12.88	
15	1.2	14.10	11.5	4.9	3.60	4.9	4.9	11.50	4.9	4.9	2.80	
14	1.1	26.40	10.4	3.7	15.77	3.7	3.7	23.91	3.7	3.7	15.08	
13	1.3	37.60	9.4	2.5	26.70	2.5	2.5	35.00	2.5	2.5	25.90	
12	2.6		8.3	1.2		1.2	1.2		1.2	1.2		
11	3.8		7.3	.0		.0	.0		.0	.0		
10	5.1		6.2	1.3		1.3	1.3		1.3	1.3		
9	6.4		5.2	2.6		2.6	2.6		2.6	2.6		
8	7.6		4.2	3.8		3.8	3.8		3.8	3.8		
7	8.9		3.1	5.0		5.0	5.0		5.0	5.0		
6	10.2		2.1	6.3		6.3	6.3		6.3	6.3		
5	11.4		1.0	7.6		7.6	7.6		7.6	7.6		
4	12.7		.0	8.8		8.8	8.8		8.8	8.8		
3	14.0		.0	10.1		10.1	10.1		10.1	10.1		
2	15.2		.0	11.3		11.3	11.3		11.3	11.3		
1	16.5		.0	12.5		12.5	12.5		12.5	12.5		
			.0	13.8		13.8	13.8		13.8	13.8		

TABLE 2178. ANCHOR TESTING STUDY: GRADE 5

EQUIVALENT A1 SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 3 FORM A, TOTAL READING EQUATED TO SAT READING (64 ED.) INTERMEDIATE IIFORM H, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	EQUIV. SCORE	ERROR	SAT EQUIV. SCORE
0	- 17.8			.0			- 15.1			.5		
AVERAGE ERROR		10.07			9.12			9.78			8.82	

EQUIVALENT IBS SCORES AND CONDITIONAL ERRORS OF EQUATING

CIBS READING (68 ED.) LEVEL 2 FORM Q, VOCABULARY EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CIBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ITBS SCORE	ERROR	EQUIV. SCORE	ITBS SCORE	ERROR	EQUIV. SCORE	ITBS SCORE	ERROR	EQUIV. SCORE	ITBS SCORE	ERROR
40	39.6	41.9	2.52	41.9	39.5	2.46	39.5	42.0	2.46	42.0	4.40	
39	38.4	40.5	3.04	40.5	38.2	3.04	38.2	40.5	3.04	40.5	3.66	
38	37.2	39.1	3.69	39.1	37.1	4.32	37.1	39.0	3.68	39.0	4.27	
37	36.0	37.7	3.99	37.7	35.9	4.82	35.9	37.5	3.96	37.5	4.70	
36	34.9	36.3	3.67	36.3	34.7	4.18	34.7	36.0	3.64	36.0	4.04	
35	33.7	34.8	4.65	34.8	33.5	4.96	33.5	34.5	4.62	34.5	4.85	
34	32.5	33.4	4.09	33.4	32.3	4.09	32.3	34.5	4.11	34.5	4.06	
33	31.3	32.0	5.02	32.0	31.1	5.07	31.1	33.1	5.03	33.1	5.04	
32	30.1	30.4	5.30	30.4	29.9	5.38	29.9	30.1	5.26	30.1	5.30	
31	28.9	28.6	6.90	28.6	28.7	6.79	28.7	28.2	6.83	28.2	6.67	
30	27.8	26.9	5.60	26.9	27.5	5.54	27.5	26.3	5.57	26.3	5.58	
29	26.6	25.1	6.70	25.1	26.3	6.29	26.3	24.7	6.60	24.7	6.24	
28	25.4	23.5	6.87	23.5	25.0	6.32	25.0	23.2	6.72	23.2	6.28	
27	24.2	22.1	4.91	22.1	23.8	4.91	23.8	21.7	4.84	21.7	5.02	
26	23.0	20.7	5.76	20.7	22.7	5.27	22.7	20.4	5.65	20.4	5.28	
25	21.8	19.4	5.44	19.4	21.5	5.19	21.5	19.1	5.35	19.1	5.23	
24	20.7	18.1	6.13	18.1	20.3	5.60	20.3	17.8	6.02	17.8	5.61	
23	19.5	17.0	5.42	17.0	19.1	5.69	19.1	16.6	5.21	16.6	4.45	
22	18.3	16.1	5.30	16.1	17.9	4.92	17.9	15.7	5.16	15.7	4.95	
21	17.1	15.2	5.43	15.2	16.7	5.44	16.7	14.9	5.30	14.9	5.04	
20	15.9	14.4	3.68	14.4	15.5	3.55	15.5	14.1	3.55	14.1	3.48	
19	14.7	13.7	5.60	13.7	14.2	5.5	14.2	13.4	5.71	13.4	5.96	
18	13.5	13.1	4.79	13.1	13.0	4.78	13.0	12.8	4.78	12.8	4.79	
17	12.4	12.5	4.34	12.5	11.8	4.34	11.8	12.2	4.38	12.2	4.35	
16	11.2	11.9	4.79	11.9	10.6	4.57	10.6	11.6	4.96	11.6	4.71	
15	10.0	11.3	4.04	11.3	9.4	3.55	9.4	11.0	4.38	11.0	3.62	
14	8.8	10.7	3.85	10.7	8.2	3.30	8.2	10.4	4.19	10.4	3.32	
13	7.6	9.3	5.77	9.3	7.0	4.66	7.0	9.7	6.16	9.7	4.75	
12	6.4	8.7	5.61	8.7	5.8	4.30	5.8	9.0	6.02	9.0	4.36	
11	5.3	8.7	6.79	8.7	4.6	4.08	4.6	8.3	7.35	8.3	4.85	
10	4.1	7.9	8.61	7.9	3.4	5.59	3.4	7.5	9.22	7.5	5.87	
9	2.9	7.2	3.41	7.2	2.2	6.35	2.2	6.8	9.99	6.8	6.58	
8	1.7	6.4	9.12	6.4	1.0	5.96	1.0	6.0	10.35	6.0	6.23	
7	.5	5.6	10.28	5.6	.2	5.70	.2	5.2	10.94	5.2	6.02	
6	-.7	4.6	9.94	4.6	-.4	4.48	-.4	4.3	9.59	4.3	4.69	
5	-1.9	3.6	12.42	3.6	-2.6	8.04	-2.6	3.5	16.11	3.5	8.14	
4	-3.0	2.7	17.00	2.7	-3.8	11.30	-3.8	2.7	17.80	2.7	11.30	
3	-4.2	1.8		1.8	-5.0		-5.0	1.9		1.9		
2	-5.4	.9		.9	-6.2		-6.2	1.0		1.0		
1	-6.6	-.0		-.0	-7.4		-7.4	.3		.3		
0	-7.8	-.0		-.0	-8.6		-8.6	.0		.0		

TABLE 2179. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT A. SCORES AND CONDITIONAL ERRORS OF EQUATING

CTBS READING (68 ED.) LEVEL 2 FORM Q, VOCABULARY EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, VOCABULARY

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	CTBS RAW SCORE	ITBS EQUIV. SCORE	ERROR	CTBS RAW SCORE	ITBS EQUIV. SCORE	ERROR	CTBS RAW SCORE	ITBS EQUIV. SCORE	ERROR	CTBS RAW SCORE	ITBS EQUIV. SCORE	ERROR
AVERAGE ERROR			5.59			5.13			5.62			5.13

TABLE 2130. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT A. SCORES AND CONDITIONAL ERRORS OF EQUATING

ITBS READING (68 ED.) LEVEL 2 FORM Q, COMPREHENSION EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	ITBS EQUIV. SCORE	ERROR		ITBS EQUIV. SCORE	ERROR		ITBS EQUIV. SCORE	ERROR		ITBS EQUIV. SCORE	ERROR	
45	63.2	7.02		71.3	1.1		61.7	6.93		72.1	12.45	
44	60.6	7.97		68.8	11.15		60.2	7.97		69.2	11.01	
43	58.1	6.38		66.6	7.15		58.6	6.59		66.4	6.93	
42	57.6	8.52		64.0	11.96		57.1	9.43		63.6	11.71	
41	56.0	8.00		61.2	9.56		55.6	8.97		60.8	9.23	
40	54.5	9.05		58.5	8.84		54.0	7.56		58.0	8.46	
39	53.0	7.59		55.6	8.65		52.5	9.37		55.2	7.80	
38	51.4	8.60		52.7	9.16		51.0	8.37		52.5	8.46	
37	49.9	9.59		50.0	8.26		49.4	9.34		49.6	9.03	
36	48.4	10.28		47.3	9.14		47.9	10.02		46.9	8.25	
35	46.8	10.08		44.9	7.99		45.4	8.77		44.4	9.00	
34	45.3	9.49		42.6	9.20		44.8	9.92		42.1	7.92	
33	43.8	10.32		40.7	7.16		43.3	9.12		40.2	6.94	
32	42.2	8.29		38.8	8.23		41.8	10.00		38.5	8.10	
31	40.7	7.77		37.0	7.41		40.2	9.04		36.5	7.31	
30	39.2	8.64		35.2	3.10		38.7	9.52		34.8	9.04	
29	37.6	8.05		33.7	29.8		37.2	8.97		33.3	7.54	
28	36.1	10.07		32.3	27.4		35.7	9.75		31.8	7.55	
27	34.6	7.92		31.0	26.3		34.1	8.12		30.5	28.0	
26	33.0	8.27		29.8	25.4		32.6	5.56		29.2	27.0	
25	31.5	5.62		28.5	24.5		31.1	7.54		28.0	26.0	
24	30.0	7.56		27.4	23.5		29.5	7.37		26.1	25.1	
23	28.4	7.24		26.3	22.9		28.0	7.60		24.1	5.98	
22	26.9	7.92		25.4	22.0		26.5	18.9		23.3	5.55	
21	25.4	8.27		24.5	21.1		24.9	17.8		22.5	5.36	
20	23.9	7.33		23.5	20.2		23.4	16.7		21.7	6.46	
19	22.3	6.53		22.9	19.2		21.9	15.7		20.8	5.80	
18	20.8	6.66		22.0	18.2		21.3	14.2		19.9	5.75	
17	19.2	7.08		21.1	17.1		20.8	13.2		18.9	5.36	
16	17.7	9.23		20.2	15.9		20.3	12.7		17.8	15.6	
15	16.2	9.1		19.2	14.8		19.7	11.1		16.7	6.26	
14	14.6	10.01		18.2	13.5		18.2	10.37		15.6	4.59	
13	13.1	10.92		17.1	12.0		17.1	11.7		14.5	6.02	
12	11.5	12.92		15.9	10.3		16.1	9.9		13.2	6.62	
11	10.0	13.75		14.8	8.4		15.1	14.13		11.7	9.06	
10	8.5	8.60		13.5	6.9		14.1	6.8		9.9	4.20	
9	7.0	14.20		12.0	5.5		13.1	14.60		8.1	9.30	
8	5.4			10.3			12.1			6.8		
7	3.9			8.4			11.1			5.7		
6	2.4			6.9			10.1					
5	.8			5.5			9.1					

TABLE 2180. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT IBS SCORES AND CONDITIONAL ERRORS OF EQUATING

CBRS READING (68 ED.) LEVEL 2 FORM 2, COMPREHENSION EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, COMPREHENSION

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CBRS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE
4	- 7	22.70	4.2	4.2	7.10	- 1.1	- 1.1	23.10	4.5	4.5	17.50	4.5
3	- 2.2	6.20	2.8	2.8	1.20	- 2.7	- 2.7	6.70	3.4	3.4	.60	3.4
2	- 3.8		1.5	1.5		- 4.2	- 4.2		2.2	2.2		2.2
1	- 5.3		.2	.2		- 5.7	- 5.7		1.1	1.1		1.1
0	- 6.9		.0	.0		- 7.3	- 7.3		.5	.5		.5
AVERAGE ERROR		8.72			7.97			8.67			7.92	

TABLE 2191. ANCHOR TEST EQUATING STUDY: GRADE 5

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

ITBS READING (68 ED.) LEVEL 2 FORM Q. TOTAL READING EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

ITBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS
85	101.7		113.6	101.1		101.1	114.1		114.1			
84	100.3		111.9	99.7		99.7	112.2		112.2			
83	99.9	8.53	110.1	98.4	8.51	98.4	110.4	8.87	110.4	8.71		
82	97.6	8.53	108.3	97.0	3.65	97.0	109.3	9.11	109.3	3.65		
81	96.2	9.73	106.2	95.6	4.34	95.6	108.1	10.27	108.1	4.31		
80	94.3	8.01	104.0	94.2	7.67	94.2	103.6	8.39	103.6	7.45		
79	93.4	13.75	101.6	92.8	17.44	92.8	100.9	13.63	100.9	17.00		
78	92.1	9.44	99.1	91.4	12.75	91.4	98.4	9.34	98.4	12.28		
77	90.7	10.60	96.8	90.1	11.07	90.1	96.2	10.74	96.2	10.89		
76	89.3	8.06	94.6	88.7	8.48	88.7	94.0	8.23	94.0	8.26		
75	87.9	7.90	92.4	87.3	8.50	87.3	91.9	8.01	91.9	8.32		
74	86.5	10.20	90.4	85.9	11.86	85.9	90.0	10.06	90.0	11.64		
73	85.2	10.56	88.4	84.5	11.37	84.5	87.9	10.50	87.9	11.19		
72	83.8	11.18	86.1	83.1	12.04	83.1	85.5	11.01	85.5	11.78		
71	82.4	8.91	83.9	81.7	9.53	81.7	83.2	8.70	83.2	9.22		
70	81.0	9.19	81.6	80.3	9.23	80.3	80.8	9.19	80.8	9.19		
69	79.7	1.88	79.3	78.9	6.76	78.9	79.4	6.67	79.4	6.58		
68	78.3	1.55	77.1	77.5	10.18	77.5	76.2	11.09	76.2	10.43		
67	76.9	8.85	75.0	74.8	8.77	74.8	74.1	8.77	74.1	8.88		
66	75.5	10.88	73.2	73.4	10.13	73.4	72.2	10.60	72.2	9.95		
65	74.1	11.27	71.4	72.0	11.41	72.0	70.5	11.24	70.5	11.59		
64	72.8	12.12	69.7	69.2	10.92	69.2	68.7	11.72	68.7	10.56		
63	71.4	13.00	67.9	67.6	11.96	67.6	66.9	12.68	66.9	11.84		
62	70.0	12.38	66.1	65.2	10.99	65.2	65.1	12.01	65.1	10.83		
61	68.6	16.98	64.4	63.9	14.14	63.9	63.3	16.46	63.3	13.51		
60	67.3	14.24	62.6	62.5	12.21	62.5	61.6	13.31	61.6	11.98		
59	65.9	14.17	60.9	60.9	11.98	60.9	59.9	13.72	59.9	11.75		
58	64.5	14.10	59.1	58.1	12.25	58.1	58.2	13.70	58.2	12.15		
57	63.1	11.09	57.5	57.3	11.70	57.3	56.6	10.93	56.6	11.48		
56	61.7	15.45	55.9	54.9	12.18	54.9	55.0	14.91	55.0	11.85		
55	60.4	17.16	54.4	53.5	10.39	53.5	53.4	11.72	53.4	10.41		
54	59.0	15.76	52.9	52.9	11.70	52.9	52.0	15.25	52.0	11.21		
53	57.6	12.11	51.5	50.7	10.99	50.7	50.6	11.75	50.6	11.10		
52	56.2	11.38	50.2	49.2	10.06	49.2	49.2	10.85	49.2	10.97		
51	54.9	12.46	48.9	48.0	10.93	48.0	47.9	12.01	47.9	9.01		
50	53.5	7.93	47.6	46.4	8.95	46.4	46.6	9.54	46.6	9.04		
49	52.1	11.36	46.4	45.3	10.65	45.3	45.4	11.06	45.4	10.84		
48	50.7	12.65	45.3	44.2	10.05	44.2	44.2	12.09	44.2	9.80		
47	49.3	8.54	44.2	43.1	6.77	43.1	42.2	8.02	42.2	6.83		
46	48.0	12.98	43.1	42.2	11.01	42.2	42.2	12.45	42.2	10.85		
45	46.6	11.81	42.2	41.2	10.39	41.2	41.2	11.40	41.2	10.31		

EQUIVALENT ... SCORES AND CONDITIONAL ERRORS OF EQUATING

CITS READING (68 ED.) LEVEL 2 FORM Q, TOTAL READING EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CITS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE	ITBS EQUIV. SCORE	ERROR	ITBS EQUIV. SCORE
44	45.2	13.49	41.2	44.3	3.36	44.3	40.3	13.40	40.3	13.74		13.74
43	43.8	14.37	40.3	42.9	15.35	42.9	39.5	14.28	39.5	14.47		14.47
42	42.5	9.24	39.4	41.5	7.09	41.5	38.7	8.48	38.7	6.71		6.71
41	41.1	8.76	38.7	40.1	6.93	40.1	37.9	7.98	37.9	5.43		5.43
40	39.7	10.46	37.9	38.7	10.50	38.7	37.2	10.45	37.2	10.60		10.60
39	38.3	8.38	37.2	37.3	8.13	37.3	36.5	8.15	36.5	8.05		8.05
38	36.9	5.87	36.4	35.9	9.98	35.9	35.7	10.11	35.7	10.17		10.17
37	35.6	7.57	35.7	34.5	7.50	34.5	35.0	7.34	35.0	7.43		7.43
36	34.2	6.36	35.0	33.1	6.10	33.1	34.3	6.84	34.3	6.32		6.32
35	32.8	8.77	34.3	31.7	8.57	31.7	33.6	9.74	33.6	8.54		8.54
34	31.4	7.37	33.5	30.4	6.71	30.4	32.9	7.86	32.9	6.26		6.26
33	30.0	6.65	32.8	29.0	6.28	29.0	32.3	7.06	32.3	6.26		6.26
32	28.7	7.67	32.2	27.6	6.06	27.6	31.7	8.41	31.7	6.20		6.20
31	27.3	6.80	31.6	26.2	6.74	26.2	30.9	7.24	30.9	6.56		6.56
30	25.9	9.42	30.9	24.8	9.00	24.8	30.3	9.86	30.3	8.90		8.90
29	24.5	8.85	30.3	23.4	5.69	23.4	29.6	10.81	29.6	6.05		6.05
28	23.2	11.12	29.5	22.1	6.48	22.1	28.7	12.09	28.7	6.93		6.93
27	21.8	0.33	28.7	20.7	7.16	20.7	27.9	11.14	27.9	7.29		7.29
26	20.4	7.84	27.9	19.3	6.79	19.3	27.2	8.55	27.2	6.54		6.54
25	19.0	3.33	27.1	17.9	1.38	17.9	26.3	14.26	26.3	8.22		8.22
24	17.6	10.58	26.2	16.5	4.33	16.5	25.4	11.59	25.4	4.60		4.60
23	16.3	13.62	25.5	15.1	6.20	15.1	24.5	14.74	24.5	6.80		6.80
22	14.9	6.02	24.6	13.7	6.81	13.7	23.6	6.94	23.6	6.05		6.05
21	13.5	11.55	23.6	12.3	6.07	12.3	22.5	12.58	22.5	6.12		6.12
20	12.1	18.35	22.4	10.9	8.92	10.9	21.3	19.51	21.3	9.84		9.84
19	10.7	20.60	21.1	9.5	11.17	9.5	20.1	21.85	20.1	12.02		12.02
18	9.4	19.83	19.7	8.1	10.03	8.1	18.8	21.10	18.8	10.85		10.85
17	8.0	18.35	18.2	6.8	9.40	6.8	17.3	19.49	17.3	10.09		10.09
16	6.6	20.49	16.6	5.4	10.73	5.4	15.6	21.66	15.6	11.86		11.86
15	5.2	24.70	14.9	4.0	15.33	4.0	14.2	25.84	14.2	16.44		16.44
14	3.9	3.10	13.9	2.6	6.90	2.6	13.3	4.40	13.3	6.30		6.30
13	2.5	2.81	12.9	1.2	17.57	1.2	12.4	29.09	12.4	18.05		18.05
12	1.1		11.9	.1		.1	11.5		11.5			
11	.2		10.9	-		-	10.6		10.6			
10	-	9.60	9.8	-	1.90	-	9.7	10.90	9.7	1.70		1.70
9	-		8.9	-		-	8.8		8.8			
8	-		8.0	-		-	8.0		8.0			
7	-		7.0	-		-	7.1		7.1			
6	-		6.0	-		-	6.5		6.2			
5	-		5.0	-		-	5.4		5.4			
4	-		4.0	-		-	4.5		4.5			

EQUIVALENT A / SCORES AND CONDITIONAL ERRORS OF EQUATING

CTBS READING (68 ED.) LEVEL 2 FORM Q, TOTAL READING EQUATED TO ITBS READING (71 ED.) LEVEL 11 FORM 5, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CTBS RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS	EQUIV. SCORE	ERROR	ITBS
3	- 11.3		3.0	- 12.7		3.6	- 12.7		3.6			
2	- 12.7		2.0	- 14.1		2.7	- 14.1		2.7			
1	- 14.0		1.0	- 15.4		1.8	- 15.4		1.8			
0	- 15.4		.0	- 16.8		.9	- 16.8		.9			
AVERAGE ERROR		11.54			10.04			11.51			9.98	

EQUIVALENT A₁ SCORES AND CONDITIONAL ERRORS OF EQUATING

SAT READING (70 ED.) INTERMEDIATE FORM F, WORD KNOWLEDGE EQUATED TO SAT READING (64 ED.) INTERMEDIATE IIFORM W, WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	ERROR	FARIR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR
50	41.4	2.34	3.13	40.8	2.76	46.2	2.76	46.0	3.65
49	40.4	3.09	3.12	39.9	3.29	43.9	3.29	43.8	3.75
48	39.4	5.99	7.45	38.9	5.85	42.3	5.85	42.2	7.39
47	38.5	4.76	5.77	38.0	4.67	40.8	4.67	40.7	5.72
46	37.5	3.85	3.72	37.1	4.00	39.4	4.00	39.2	3.69
45	36.6	4.55	4.67	36.1	4.61	38.0	4.61	37.6	4.60
44	35.6	3.61	3.92	35.2	3.56	36.6	3.56	36.1	3.74
43	34.6	4.44	4.57	34.3	4.40	35.2	4.40	34.7	4.45
42	33.7	6.19	6.24	33.3	6.03	33.8	6.03	33.3	6.03
41	32.7	4.92	4.93	32.4	4.94	32.5	4.94	32.1	4.97
40	31.7	4.53	4.44	31.4	4.56	31.3	4.56	30.8	4.39
39	30.8	5.27	5.13	30.5	5.21	30.0	5.21	29.4	5.10
38	29.8	4.78	4.39	29.6	4.69	28.6	4.69	28.1	4.31
37	28.8	4.45	4.47	28.6	4.42	27.3	4.42	26.9	4.56
36	27.9	5.48	5.09	27.7	5.41	26.2	5.41	25.8	5.03
35	26.9	5.64	5.17	26.7	5.56	25.1	5.56	24.7	5.14
34	26.0	5.76	4.84	25.8	4.73	24.0	4.73	23.7	4.92
33	25.0	5.32	4.66	25.4	5.28	22.9	5.28	22.8	4.66
32	24.0	4.81	3.18	23.9	4.75	22.0	4.75	21.9	4.86
31	23.1	3.99	3.61	23.0	3.97	21.1	3.97	21.0	3.85
30	22.1	4.94	5.17	22.0	4.84	20.3	4.84	20.2	4.04
29	21.1	3.46	3.50	21.1	3.46	19.5	3.46	19.5	5.07
28	20.2	4.66	4.48	20.2	4.66	18.7	4.48	18.8	3.48
27	19.2	3.70	3.89	19.2	3.69	18.0	3.69	18.0	4.48
26	18.2	3.90	3.87	18.3	3.90	17.3	3.87	17.3	3.89
25	17.3	3.70	3.69	17.3	3.70	16.7	3.69	16.7	3.87
24	16.3	4.86	4.86	16.4	4.86	16.0	4.86	16.0	3.69
23	15.4	3.48	3.51	15.5	3.48	15.4	3.48	15.4	4.86
22	14.4	3.89	4.57	14.5	3.87	14.8	3.87	14.8	3.51
21	13.4	4.57	4.57	13.6	4.56	14.2	4.56	14.1	3.84
20	12.5	3.72	3.27	12.6	3.62	13.5	3.62	13.5	4.57
19	11.5	3.82	3.72	11.7	3.77	12.9	3.77	12.9	3.27
18	10.5	8.11	7.29	10.7	8.01	12.2	8.01	12.2	3.72
17	9.6	5.18	5.10	9.8	5.34	11.5	5.34	11.6	7.26
16	8.6	7.40	6.25	8.8	7.22	10.8	7.22	10.8	4.10
15	7.6	6.20	5.42	7.9	6.04	10.0	6.04	10.1	6.22
14	6.7	7.36	5.71	7.0	7.59	9.3	7.59	9.4	4.20
13	5.7	6.71	5.01	6.0	6.47	8.5	6.47	8.7	5.26
12	4.8	7.71	4.73	5.1	7.36	7.9	7.36	7.9	4.64
11	3.8	8.00		4.2	7.62	7.1	7.62	7.2	4.94
10	2.8			3.2		6.3		6.4	4.64

TABLE 2182. ANCHOR TEST EQUATING STUDY: GRADE 6

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) INTERMEDIATE FORM F, WORD KNOWLEDGE EQUATED TO SAT READING (64 ED.) INTERMEDIATE IIFORM W, WORD MEANING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	ERROR
9	1.9	6.62	5.5	2.3	6.26	3.81	5.5	3.81	5.5	5.5	3.81	3.81
8	.9	5.62	4.8	1.4	9.14	5.06	4.7	6.06	4.7	4.7	6.06	6.06
7	-	7.01	4.1	.4	6.59	4.12	4.1	4.12	4.1	4.1	4.12	4.12
6	-	5.00	3.5	.5	4.50	.40	3.6	.40	3.6	3.6	.40	.40
5	-		2.9	-			3.2		3.2	3.2		
4	-		2.3	-			2.7		2.7	2.7		
3	-	14.97	1.7	-	14.47	8.96	2.2		2.2	2.2		
2	-		1.0	-			1.7		1.7	1.7		
1	-		.4	-			1.3		1.3	1.3		
0	-		.0	-			.9		.9	.9		
AVERAGE ERROR		6.00			4.78	4.93					4.74	

TABLE 2183. ANCHOR TEST EQUATING STUDY: GRADE 6

EQUIVALENT-RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) INTERMEDIATE FORM F, READING (COMPR.) EQUATED TO SAT READING (64 ED.) INTERMEDIATE (FORM W, PARAGRAPH MEANING

PROCEDURE 3

AVERAGE OF PROCEDURES 1 AND 2

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR
45	58.3		2.30	63.3		7.30	58.0		2.00	63.2		7.20
44	56.9		3.67	60.9		5.33	56.6		3.51	60.8		6.74
43	55.6		3.79	59.2		4.75	55.2		3.87	59.2		4.75
42	54.2		4.32	57.5		5.85	53.9		4.28	57.4		5.79
41	52.8		6.13	55.6		6.30	52.5		6.18	55.6		6.30
40	51.4		7.52	53.6		8.43	51.2		7.46	53.5		8.38
39	50.0		6.80	51.5		7.30	49.8		6.75	51.3		7.22
38	48.7		6.60	49.3		6.61	48.4		6.61	49.1		6.60
37	47.3		6.26	47.3		6.26	47.1		6.22	47.0		6.20
36	45.9		8.40	45.5		8.28	45.7		8.34	45.1		8.18
35	44.5		7.26	43.7		7.05	44.4		7.23	43.5		7.01
34	43.1		7.07	41.9		6.60	43.0		7.03	41.8		6.57
33	41.7		9.16	40.3		8.82	41.6		9.13	40.1		8.79
32	40.4		7.03	38.7		6.64	40.3		6.99	38.5		6.63
31	39.0		6.90	37.3		6.58	38.9		6.87	37.0		6.56
30	37.6		7.08	35.8		6.60	37.6		7.08	35.6		6.58
29	36.2		6.69	34.3		6.71	36.2		6.68	34.2		6.72
28	34.8		6.86	32.9		6.71	34.9		6.88	32.8		6.72
27	33.5		5.71	31.6		5.75	33.5		5.71	31.5		5.77
26	32.1		6.65	30.3		7.12	32.2		6.64	30.2		7.16
25	30.7		5.84	29.1		5.95	30.8		5.95	29.0		5.97
24	29.3		7.22	27.8		6.95	29.5		7.28	27.9		6.96
23	27.9		5.99	26.7		5.92	28.1		6.03	26.9		5.91
22	26.6		8.08	25.6		7.97	26.7		8.10	25.8		7.98
21	25.2		6.01	24.4		6.11	25.4		6.00	24.8		6.05
20	23.8		5.88	23.3		6.10	24.0		5.81	23.6		5.96
19	22.4		8.65	22.2		8.72	22.7		8.57	22.6		8.60
18	21.0		4.99	21.1		4.98	21.3		4.96	21.5		4.95
17	19.7		5.96	20.2		5.72	19.9		5.86	20.5		5.60
16	18.3		7.07	19.2		6.82	18.6		6.98	19.6		6.75
15	16.9		5.70	18.3		4.69	17.2		5.47	18.7		4.44
14	15.5		6.59	17.4		5.97	15.9		6.42	17.7		5.92
13	14.1		7.01	16.4		5.49	14.5		6.71	16.7		5.33
12	12.8		7.18	15.3		5.35	13.1		6.94	15.5		5.23
11	11.4		6.51	14.2		4.78	11.8		6.28	14.5		4.65
10	10.0		9.53	13.0		7.22	10.4		9.20	13.3		7.01
9	8.6		12.02	11.8		8.28	9.1		11.58	12.0		9.12
8	7.2		11.60	10.5		8.75	7.7		11.15	10.6		8.67
7	5.9		12.04	9.1		8.19	6.3		11.56	9.2		8.80
6	4.5			7.7			5.0			7.7		
5	3.1		9.67	6.5		6.15	3.6		9.19	6.3		6.63

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) INTERMEDIATE FORM F, READING (COMPR.) EQUATED TO SAT READING (64 ED.) INTERMEDIATE FORM W, PARAGRAPH MEANING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

MAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE
4	1.7	7.49	5.2	4.10	2.3	6.89	4.9	4.30	
3	.3	11.70	3.9	3.0	.9	11.10	3.5	8.50	
2	1.1		2.7		.4		2.1		
1	2.4		1.4		1.8		.7		
0	3.8		.1		3.2		.0		
AVERAGE ERROR		7.00		6.78		6.93		6.73	

TABLE 2184. ANCHOR TEST EQUATING STUDY: GRADE 6

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAY READING (70 ED.) INTERMEDIATE FORM F, TOTAL READING EQUATED TO SAT READING (64 ED.) INTERMEDIATE IIFORM W, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

LINEAR METHOD				EQUIPERCENTILE METHOD				EQUIPERCENTILE METHOD			
RAW SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR	SAT EQUIV. SCORE	ERROR
95	99.2		111.2	98.0		98.0		110.8		110.8	
94	98.0		108.7	96.9		96.9		109.4		109.4	
93	96.9	3.17	106.2	95.7	6.64	95.7	4.23	105.9	4.23	105.9	6.55
92	95.7	4.08	103.9	94.6	4.95	94.6	5.08	103.8	5.08	103.8	4.85
91	94.6	5.30	102.0	93.5	8.26	93.5	5.60	101.9	5.60	101.9	8.18
90	93.4	6.28	100.2	92.3	8.99	92.3	6.44	100.1	6.44	100.1	8.92
89	92.2	7.54	98.5	91.2	6.33	91.2	8.18	98.5	8.18	98.5	6.33
88	91.1	9.14	96.9	90.1	9.88	90.1	9.37	96.8	9.37	96.8	9.84
87	89.9	6.51	95.0	89.9	5.87	89.9	7.08	94.9	7.08	94.9	5.84
86	88.8	7.59	93.2	87.8	7.72	87.8	7.90	93.0	7.90	93.0	7.66
85	87.6	8.91	91.3	86.7	8.75	86.7	9.18	91.0	9.18	91.0	8.70
84	86.4	11.11	89.5	85.5	11.31	85.5	11.21	89.1	11.21	89.1	11.24
83	85.3	6.55	87.8	84.4	7.90	84.4	6.81	87.1	6.81	87.1	7.56
82	84.1	6.95	86.0	83.3	7.26	83.3	6.97	85.2	6.97	85.2	7.07
81	83.0	6.37	84.3	82.1	5.78	82.1	6.23	83.4	6.23	83.4	6.47
80	81.8	7.71	82.6	81.0	7.41	81.0	7.50	81.6	7.50	81.6	7.42
79	80.6	9.61	80.9	79.9	8.74	79.9	8.34	79.9	8.34	79.9	8.34
78	79.5	9.20	79.5	78.8	9.20	78.8	9.20	78.4	9.20	78.4	9.20
77	78.3	10.94	78.1	77.6	10.88	77.6	10.73	76.9	10.73	76.9	10.56
76	77.2	8.55	76.6	76.5	8.87	76.5	8.86	75.4	8.86	75.4	8.83
75	76.0	9.99	75.0	75.4	9.73	75.4	9.82	73.9	9.82	73.9	9.55
74	74.8	8.21	73.4	74.3	7.85	74.3	8.05	72.5	8.05	72.5	7.76
73	73.7	13.10	72.0	73.1	12.49	73.1	12.86	71.1	12.86	71.1	12.25
72	72.5	10.33	70.6	72.0	9.26	72.0	10.02	69.7	10.02	69.7	8.95
71	71.4	11.47	69.2	70.9	10.19	70.9	11.16	68.3	11.16	68.3	9.76
70	70.2	11.13	67.6	69.7	11.06	69.7	11.07	66.8	11.07	66.8	11.16
69	69.0	5.88	66.1	68.6	9.26	68.6	9.75	65.3	9.75	65.3	9.24
68	67.9	9.35	64.6	67.5	7.69	67.5	9.10	63.9	9.10	63.9	7.48
67	66.7	8.19	63.3	66.3	9.03	66.3	8.22	62.4	8.22	62.4	9.45
66	65.6	7.91	61.9	65.2	6.91	65.2	7.72	61.1	7.72	61.1	6.94
65	64.4	7.53	60.7	64.0	6.76	64.0	7.45	60.0	7.45	60.0	6.81
64	63.2	7.80	59.4	62.9	7.48	62.9	7.70	58.8	7.70	58.8	7.61
63	62.1	11.70	58.2	61.8	6.17	61.8	6.58	57.7	6.58	57.7	6.27
62	60.9	10.84	57.0	60.6	9.44	60.6	10.69	56.5	10.69	56.5	9.37
61	59.7	10.06	55.7	59.5	9.02	59.5	9.92	55.3	9.92	55.3	9.01
60	58.6	9.87	54.5	58.4	8.73	58.4	9.79	54.1	9.79	54.1	8.71
59	57.4	9.38	53.4	57.3	9.63	57.3	9.74	53.0	9.74	53.0	9.74
58	56.3	8.66	52.3	56.1	8.24	56.1	8.60	51.9	8.60	51.9	8.42
57	55.1	7.66	51.2	55.0	7.47	55.0	7.63	50.9	7.63	50.9	7.54
56	53.9	8.19	50.2	53.9	1.68	53.9	8.19	49.9	8.19	49.9	9.01
55	52.8	10.46	49.2	52.8	9.24	52.8	10.46	48.9	10.46	48.9	9.19

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

SAT READING (70 ED.) INTERMEDIATE FORM F, TOTAL READING EQUATED TO SAT READING (64 ED.) INTERMEDIATE INFORM W, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR	SAT	EQUIV. SCORE	ERROR
54	51.6	48.2	7.86	51.6	48.2	7.86	51.6	48.2	7.86	51.6	48.2	7.86
53	50.5	47.2	7.30	47.2	50.5	7.30	50.5	47.2	7.30	47.2	50.5	7.30
52	49.3	46.3	10.15	46.3	49.3	10.15	49.3	46.3	10.15	46.3	49.3	10.15
51	48.1	45.4	9.16	45.4	48.1	9.16	48.1	45.4	9.16	45.4	48.1	9.16
50	47.0	44.4	7.60	44.4	47.0	7.60	47.0	44.4	7.60	44.4	47.0	7.60
49	45.8	43.5	5.81	43.5	45.8	5.81	45.8	43.5	5.81	43.5	45.8	5.81
48	44.7	42.5	11.65	42.5	44.7	11.65	44.7	42.5	11.65	42.5	44.7	11.65
47	43.5	41.6	6.47	41.6	43.5	6.47	43.5	41.6	6.47	41.6	43.5	6.47
46	42.3	40.7	7.01	40.7	42.3	7.01	42.3	40.7	7.01	40.7	42.3	7.01
45	41.2	39.9	5.66	39.9	41.2	5.66	41.2	39.9	5.66	39.9	41.2	5.66
44	40.0	39.1	6.15	39.1	40.0	6.15	40.0	39.1	6.15	39.1	40.0	6.15
43	38.9	38.3	5.38	38.3	38.9	5.38	38.9	38.3	5.38	38.3	38.9	5.38
42	37.7	37.5	5.73	37.5	37.7	5.73	37.7	37.5	5.73	37.5	37.7	5.73
41	36.5	36.8	5.07	36.8	36.5	5.07	36.5	36.8	5.07	36.8	36.5	5.07
40	35.4	35.3	12.31	35.3	35.4	12.31	35.4	35.3	12.31	35.3	35.4	12.31
39	34.2	34.2	10.93	34.2	34.2	10.93	34.2	34.2	10.93	34.2	34.2	10.93
38	33.1	34.6	7.09	34.6	33.1	7.09	33.1	34.6	7.09	34.6	33.1	7.09
37	31.9	33.9	6.38	33.9	31.9	6.38	31.9	33.9	6.38	33.9	31.9	6.38
36	30.7	33.2	6.30	33.2	30.7	6.30	30.7	33.2	6.30	33.2	30.7	6.30
35	29.6	32.4	9.36	32.4	29.6	9.36	29.6	32.4	9.36	32.4	29.6	9.36
34	28.4	31.7	8.53	31.7	28.4	8.53	28.4	31.7	8.53	31.7	28.4	8.53
33	27.3	30.9	10.51	30.9	27.3	10.51	27.3	30.9	10.51	30.9	27.3	10.51
32	26.1	30.2	7.15	30.2	26.1	7.15	26.1	30.2	7.15	30.2	26.1	7.15
31	24.9	29.5	9.81	29.5	24.9	9.81	24.9	29.5	9.81	29.5	24.9	9.81
30	23.8	28.7	5.89	28.7	23.8	5.89	23.8	28.7	5.89	28.7	23.8	5.89
29	22.6	28.0	10.48	28.0	22.6	10.48	22.6	28.0	10.48	28.0	22.6	10.48
28	21.5	27.3	8.34	27.3	21.5	8.34	21.5	27.3	8.34	27.3	21.5	8.34
27	20.3	26.5	9.51	26.5	20.3	9.51	20.3	26.5	9.51	26.5	20.3	9.51
26	19.1	25.7	17.49	25.7	19.1	17.49	19.1	25.7	17.49	25.7	19.1	17.49
25	18.0	24.8	12.14	24.8	18.0	12.14	18.0	24.8	12.14	24.8	18.0	12.14
24	16.8	23.7	12.46	23.7	16.8	12.46	16.8	23.7	12.46	23.7	16.8	12.46
23	15.7	22.5	10.13	22.5	15.7	10.13	15.7	22.5	10.13	22.5	15.7	10.13
22	14.5	21.3	14.90	21.3	14.5	14.90	14.5	21.3	14.90	21.3	14.5	14.90
21	13.3	20.1	13.56	20.1	13.3	13.56	13.3	20.1	13.56	20.1	13.3	13.56
20	12.2	19.0	13.40	19.0	12.2	13.40	12.2	19.0	13.40	19.0	12.2	13.40
19	11.0	17.9	1.10	17.9	11.0	1.10	11.0	17.9	1.10	17.9	11.0	1.10
18	9.9	17.0	6.32	17.0	9.9	6.32	9.9	17.0	6.32	17.0	9.9	6.32
17	8.7	16.0	16.53	16.0	8.7	16.53	8.7	16.0	16.53	16.0	8.7	16.53
16	7.5	15.2	32.60	15.2	7.5	32.60	7.5	15.2	32.60	15.2	7.5	32.60
15	6.4	14.4	19.80	14.4	6.4	19.80	6.4	14.4	19.80	14.4	6.4	19.80
14	5.2	13.6	11.40	13.6	5.2	11.40	5.2	13.6	11.40	13.6	5.2	11.40

TABLE 2184. ANCHOR TEST EQUATING STUDY: GRADE 6

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

MAT READING (70 ED.) INTERMEDIATE FORM F. TOTAL READING EQUATED TO SAT READING (64 ED.) INTERMEDIATE FORM W. TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR	SAT EQUIV. SCORE	SAT SCORE	ERROR
13	-	4.1	13.10	12.9	12.9	3.90	5.3	5.3	11.90	11.1	11.1	6.20
12	-	2.9		12.1	12.1		4.1	4.1		9.8	9.8	
11	-	1.7		11.3	11.3		3.0	3.0		8.6	8.6	
10	-	.6		10.6	10.6		1.9	1.9		7.3	7.3	
9	-	.6		9.8	9.8		.7	.7		6.1	6.1	
8	-	1.7		9.0	9.0		.4	.4		4.8	4.8	
7	-	2.9		8.3	8.3		-	1.5		3.5	3.5	
6	-	4.1		7.5	7.5		-	2.7		2.3	2.3	
5	-	5.2		6.7	6.7		-	3.8		1.0	1.0	
4	-	6.4		6.0	6.0		-	4.9		.2	.2	
3	-	7.5		5.2	5.2		-	6.1		.0	.0	
2	-	8.7		4.4	4.4		-	7.2		.0	.0	
1	-	9.9		3.7	3.7		-	8.3		.0	.0	
0	-	11.0		2.9	2.9		-	9.5		.0	.0	
AVERAGE ERROR			9.08			8.41			8.94			8.35

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 4 FORM A, VOCABULARY EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, PART I (VOCAB.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD		EQUIPERCENTILE METHOD		LINEAR METHOD		EQUIPERCENTILE METHOD	
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR
AVERAGE ERROR		3.51		3.39		3.45		3.32

EQUIVALENT RAW SCORES AND CCNCTIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 4 FORM A, COMPREHENSION EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, PART 2 (COMPR.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR	
45	38.5	10.50		30.4	2.40		38.7	10.70		30.4	2.40	
44	37.7			30.3			37.8			30.4		
43	36.8	8.00		30.2	1.58		37.0	8.20		30.3	1.66	
42	36.0	9.28		30.1	3.60		36.1	9.38		30.2	3.69	
41	35.1	7.39		29.9	2.48		35.3	7.59		30.0	2.56	
40	34.3	6.21		29.5	1.74		34.5	6.40		29.6	1.82	
39	33.4	6.20		29.2	2.41		33.7	6.49		29.3	2.49	
38	32.6	6.35		28.9	2.22		32.8	6.54		29.0	3.00	
37	31.7	6.48		28.5	3.72		32.0	6.75		28.7	3.87	
36	30.9	4.70		28.1	2.36		31.1	4.89		28.3	2.49	
35	30.0	3.46		27.8	2.27		30.3	3.69		27.9	2.29	
34	29.2	3.00		27.4	2.04		29.5	3.23		27.6	2.09	
33	28.3	2.99		27.0	2.03		28.6	3.24		27.2	2.15	
32	27.5	2.21		26.6	2.58		27.8	3.42		26.8	2.78	
31	26.6	2.41		26.2	2.34		26.9	2.51		26.4	2.37	
30	25.8	2.76		25.7	2.75		26.1	2.88		26.0	2.84	
29	24.9	2.99		25.3	3.14		25.3	3.14		25.5	3.23	
28	24.1	3.49		24.8	3.64		24.5	3.56		25.0	3.71	
27	23.3	3.36		24.3	3.75		23.6	3.36		24.5	3.51	
26	22.4	3.41		23.7	3.14		22.7	3.45		24.0	3.98	
25	21.6	3.93		23.1	4.00		21.9	3.90		23.4	4.08	
24	20.7	4.36		22.4	4.17		21.1	4.26		22.8	4.23	
23	19.9	4.39		21.6	4.11		20.3	4.27		22.1	4.15	
22	19.0	4.85		20.8	4.31		19.4	4.67		21.2	4.28	
21	18.2	4.38		19.9	3.82		18.6	4.19		20.3	3.78	
20	17.3	5.23		18.8	4.92		17.7	5.11		19.3	4.91	
19	16.5	5.75		17.7	5.18		16.9	5.54		18.2	5.01	
18	15.6	5.01		16.5	4.74		16.1	4.84		17.0	4.66	
17	14.8	4.91		15.4	4.66		15.2	4.74		15.8	4.54	
16	13.9	5.33		14.1	5.26		14.4	5.17		14.5	5.15	
15	13.1	5.09		12.8	4.23		13.5	4.92		13.3	5.00	
14	12.2	4.67		11.5	4.92		12.7	4.56		12.0	4.73	
13	11.4	4.36		10.3	4.73		11.9	4.27		10.8	4.53	
12	10.5	5.00		9.1	5.66		11.1	4.81		9.5	5.44	
11	9.7	4.98		8.0	6.05		10.2	4.74		8.3	5.84	
10	8.8	4.96		6.8	6.42		9.3	4.65		7.1	6.18	
9	8.0	4.45		5.8	6.85		8.5	5.22		6.0	6.70	
8	7.1	4.47		4.8	5.19		7.7	4.27		4.9	5.72	
7	6.3	5.28		3.8	7.47		6.9	4.80		4.0	7.29	
6	5.5	2.06		2.8	3.17		6.0	2.00		3.1	3.52	
5	4.6	2.65		1.9	5.55		5.2	2.11		2.4	4.76	

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT. READING (70 ED.) LEVEL 4 FORM A, COMPREHENSION EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, PART 2 (COMPR.)

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD		EQUIPERCENTILE METHOD		LINEAR METHOD		EQUIPERCENTILE METHOD	
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR
4	3.8		.9		4.3		1.6	
3	2.9		.0		3.5		.9	
2	2.1		.0		2.7		.6	
1	1.2		.0		1.8		.4	
0	.4		.0		1.0		.2	
AVERAGE ERROR		4.58		4.35		4.51		4.29

TABLE 2187. ANCHOR TEST EQUATING STUDY: GRADE 6

EQUIVALENT RAW SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 4 FORM A, TOTAL READING EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR		STEP-II EQUIV. SCORE	ERROR	
85	73.4			60.4			73.4			60.4		
84	72.6	14.60		60.3		2.10	72.6	14.60		60.4		2.40
83	71.9			60.1			71.9			60.3		
82	71.1			59.9			71.1			60.2		
81	70.3	10.30		59.8		.20	70.4	10.40		60.0		.00
80	69.5	11.04		59.6		1.14	69.6	11.04		59.9		1.42
79	68.7	11.80		59.5		2.50	68.8	11.80		59.7		2.70
78	68.0	11.96		59.3		3.59	68.1	12.06		59.5		3.67
77	67.3	10.75		59.1		2.87	67.3	10.75		59.3		3.04
76	66.5	10.57		58.8		3.14	66.5	10.57		59.0		3.50
75	65.7	11.94		58.5		5.24	65.8	12.04		58.7		5.41
74	64.2	10.28		58.2		4.23	65.1	10.47		58.4		4.38
73	64.2	8.56		57.9		3.27	64.3	8.75		58.1		3.40
72	63.4	6.70		57.5		4.18	63.6	9.90		57.7		4.35
71	62.6	8.42		57.2		3.84	62.8	8.60		57.4		3.97
70	61.9	6.50		56.9		2.28	62.0	6.69		57.0		2.34
69	61.1	5.70		56.5		3.00	61.3	6.89		56.7		3.11
68	60.3	6.04		56.1		3.00	60.5	6.22		56.3		3.08
67	59.6	5.19		55.8		2.47	59.7	5.28		56.0		2.55
66	58.8	5.82		55.4		3.73	59.0	5.98		55.6		3.80
65	58.0	5.86		55.1		3.68	58.3	6.12		55.3		3.80
64	57.2	5.70		54.8		4.30	57.5	5.92		54.9		4.34
63	56.5	3.68		54.4		2.46	56.8	3.92		54.5		2.49
62	55.7	3.78		54.0		3.32	56.0	3.93		54.1		3.33
61	54.9	2.78		53.5		2.35	55.2	2.95		53.8		2.38
60	54.2	3.24		53.1		2.76	54.5	3.42		53.4		2.86
59	53.4	3.41		52.7		3.27	53.7	3.51		53.0		3.31
58	52.6	3.17		52.4		3.13	52.9	3.25		52.6		3.17
57	51.9	3.28		52.0		3.32	52.2	3.41		52.2		3.41
56	51.1	4.05		51.5		4.08	51.4	4.07		51.7		4.11
55	50.3	5.27		51.1		5.49	50.7	5.37		51.3		5.56
54	49.6	5.11		50.6		3.90	50.0	4.00		50.8		3.89
53	48.8	4.32		50.1		4.25	49.2	4.25		50.3		4.28
52	48.0	4.33		49.6		4.30	48.4	4.20		49.8		4.00
51	47.2	3.97		49.0		3.46	47.7	3.75		49.2		3.46
50	46.5	4.53		48.4		4.37	46.9	4.47		48.6		4.40
49	45.7	6.30		47.7		5.07	46.1	6.18		48.0		5.98
48	44.9	5.35		47.1		4.15	45.4	5.04		47.4		4.16
47	44.2	4.37		46.4		4.07	44.6	4.23		46.8		4.14
46	43.4	6.13		45.8		5.55	43.9	6.14		46.2		6.70
45	42.6	6.16		45.1		5.06	43.1	6.04		45.5		6.02

EQUIVALENT A, SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 4 FORM A, TOTAL READING EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			LINEAR METHOD			EQUIPERCENTILE METHOD		
	STEP-II			STEP-II			STEP-II			STEP-II		
	EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR		EQUIV. SCORE	ERROR	
44	41.9	6.72		44.3	5.77		42.4	6.44		44.8	5.56	
43	41.1	5.82		43.5	4.70		41.7	5.48		44.1	4.70	
42	40.3	6.73		42.7	5.53		40.9	6.37		43.2	5.38	
41	39.5	6.83		41.8	6.00		40.1	6.54		42.4	5.92	
40	38.8	5.67		41.0	4.61		39.4	5.31		41.6	4.46	
39	38.0	6.68		40.2	5.59		38.6	6.32		40.8	5.42	
38	37.2	8.64		39.3	8.10		37.8	8.44		40.0	8.03	
37	36.5	7.35		38.5	6.37		37.1	7.01		39.2	6.14	
36	35.7	6.57		37.6	5.96		36.3	6.33		38.3	5.88	
35	34.9	6.51		36.7	5.70		35.6	6.15		37.5	5.49	
34	34.2	6.07		35.8	5.21		34.8	5.71		36.6	4.95	
33	33.4	5.56		34.9	4.78		34.1	5.16		35.8	4.50	
32	32.6	7.30		33.9	6.79		33.3	7.00		34.9	6.54	
31	31.8	6.71		33.0	6.53		32.6	6.56		33.8	6.53	
30	31.1	8.13		31.9	7.79		31.8	7.83		32.8	7.50	
29	30.3	7.21		30.8	7.07		31.0	7.02		31.7	6.89	
28	29.5	7.60		29.7	7.56		30.3	7.47		30.7	7.45	
27	28.8	7.02		28.7	6.79		29.5	7.61		29.6	7.56	
26	28.0	7.67		27.5	4.11		28.8	4.71		28.4	4.67	
25	27.2	7.93		26.2	5.74		28.0	7.69		27.2	7.93	
24	26.5	7.19		24.9	7.48		27.3	7.07		25.8	7.36	
23	25.7	8.58		23.5	9.78		26.5	8.37		24.3	9.10	
22	24.9	6.15		22.0	7.67		25.8	5.89		22.8	7.17	
21	24.1	6.87		20.6	8.76		25.0	6.60		21.3	8.30	
20	23.4	7.67		19.2	9.97		24.2	7.43		19.9	9.50	
19	22.6	6.98		17.9	8.49		23.5	7.03		18.5	8.16	
18	21.8	8.31		16.5	9.63		22.7	8.40		17.1	9.34	
17	21.1	3.67		15.1	4.52		22.0	4.32		15.6	4.13	
16	20.3	7.54		13.9	10.46		21.2	7.49		14.4	10.12	
15	19.5	4.76		12.9	6.35		20.5	5.25		13.1	6.21	
14	18.7	9.41		12.1	14.24		19.7	9.19		12.2	14.16	
13	18.0	11.42		11.1	8.03		19.0	12.16		11.3	8.07	
12	17.2	3.26		9.6	7.00		18.2	3.76		10.2	6.46	
11	16.4	2.65		8.0	3.48		17.5	2.58		9.1	8.42	
10	15.7	2.93		6.5	16.7		16.7	8.1		8.1	10.52	
9	14.9	14.9		4.9	15.9		15.9	2.13		7.0	13.10	
8	14.1	14.1		3.4	15.2		15.2	6.0		6.0		
7	13.4	13.4		1.8	16.20		14.4	3.60		4.9		
6	12.6	12.6		.3			13.7			3.9		
5	11.8	11.8		.0			12.9			3.4		
4	11.1	11.1		.0			12.2			3.1		

EQUIVALENT 4. SCORES AND CONDITIONAL ERRORS OF EQUATING

CAT READING (70 ED.) LEVEL 4 FORM A, TOTAL READING EQUATED TO STEP-II READING (69 ED.) LEVEL 4 FORM A, TOTAL READING

AVERAGE OF PROCEDURES 1 AND 2

PROCEDURE 3

CAT RAW SCORE	LINEAR METHOD			EQUIPERCENTILE METHOD			EQUIPERCENTILE METHOD		
	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE	ERROR	STEP-II EQUIV. SCORE
3	10.3		.0		11.4		2.8		
2	9.5		.0		10.7		2.6		
1	8.8		.0		9.9		2.3		
0	8.0		.0		9.1		2.0		
AVERAGE ERROR		6.29		5.74		6.17		5.60	

RESULTS OF THE QUALITY CONTROL PROCEDURES

The results of the quality control procedures were as follows: A total of 824 answer sheets were selected as quality control cases. Of these 824, 819 had no test score errors, and 5 answer sheets had a 1 point scoring error in either the vocabulary or reading comprehension and, of course, in the total reading score. Therefore the error rate in the actual test scores was $10/2472$ or 0.4%, since each answer sheet yielded 3 scores.

For the edited portion of the essential identifying information, 12 answer sheets of the 824 selected as quality control cases contained individual item transcription errors. For these 12 answer sheets a total of 22 transcription errors were found with a maximum of 3 errors on a given answer sheet. Thus the error rate for the identifying information was $12/824$ or 1.5%. Furthermore, 17 of the 22 transcription errors were found to be poor erasures in the section titled "For Test Administrator Use Only" for the second test taken in the equating study. It was noted that in many instances, teachers had gridded the requested information on both answer sheets. Then, apparently several school coordinators attempted to erase the marks on the second answer sheet, since the directions explicitly stated that only the first answer sheet should be gridded. Thus, these 17 transcription errors had no effect on the accuracy of the results since the first test was correctly transcribed. Thus, the adjusted error rate in the identifying information was $5/824$ or 0.6%.

Equating Iteration Convergence Data

The convergence data for the equating iterations of Procedure 1 and Procedure 2 are given in this section of the report. Tables of differences between corresponding MAT equivalent scores for each of the six non-MAT tests resulting from successive iterations are grouped into nine sets, one for each of the vocabulary, reading comprehension, and total test at each of grades 4, 5, and 6. Within each set, the tables are arranged as follows: (a) Procedure 1, linear method, (b) Procedure 2, linear method, (c) Procedure 1, equipercentile method, and (d) Procedure 2, equipercentile method.

Generally, the linear equatings converge on the first iteration (second operational trial), and the equipercentile equatings converge on the third iteration (fourth operational trial).

ANCHOR TEST EQUATING STUDY: VOCABULARY
MAIN ANALYSIS

SUMTEST AT GRADE 4

LINEAR MATCH PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTAS DIFF	LTBS DIFF	STEPH DIFF	SRA DIFF	SAT DIFF
42	0.0	0.0	0.0	0.0	-0.1	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	-0.4	0.0	0.0	0.0	0.0	0.0
39	-0.3	0.0	0.0	0.0	0.0	0.0
38	-0.6	0.0	-0.2	0.0	0.0	-0.1
37	-0.4	-0.1	-0.1	0.0	0.0	0.0
36	-0.4	0.0	-0.2	0.0	0.0	0.0
35	-0.3	0.0	-0.2	0.0	0.0	-0.1
34	-0.4	-0.1	-0.1	0.0	0.0	-0.1
33	-0.4	0.0	-0.2	0.0	0.0	-0.1
32	-0.4	0.0	-0.1	0.0	0.0	-0.1
31	-0.3	0.0	-0.2	0.0	0.0	-0.1
30	-0.3	0.0	-0.1	-0.2	0.0	-0.1
29	-0.4	-0.1	-0.2	-0.3	0.1	-0.1
28	-0.4	0.0	-0.1	-0.2	0.1	0.0
27	-0.3	0.0	-0.1	-0.2	0.1	0.0
26	-0.3	0.0	-0.1	-0.2	0.1	0.0
25	-0.3	0.0	-0.1	-0.2	0.1	0.0
24	-0.4	0.0	-0.1	-0.2	0.1	-0.1
23	-0.3	0.0	-0.1	-0.2	0.1	-0.1
22	-0.3	0.0	-0.1	-0.2	0.1	-0.1
21	-0.3	0.0	-0.1	-0.2	0.1	-0.1
20	-0.4	0.0	-0.1	-0.2	0.1	0.0
19	-0.4	0.0	-0.1	-0.2	0.0	0.0
18	-0.3	0.0	-0.1	-0.2	0.0	0.0
17	-0.3	0.0	-0.1	-0.2	0.0	0.0
16	-0.4	0.1	-0.1	-0.1	0.1	0.0
15	-0.4	0.0	-0.1	-0.1	0.1	0.0
14	-0.3	0.0	-0.1	-0.2	0.1	-0.1
13	-0.3	0.0	0.0	-0.1	0.1	-0.1
12	-0.3	0.0	-0.1	-0.1	0.1	0.0
11	-0.3	0.0	0.0	-0.1	0.1	0.0
10	-0.3	0.0	-0.1	-0.1	0.1	0.0
9	-0.3	0.0	0.0	-0.1	0.0	0.0
8	-0.3	0.0	-0.1	-0.1	0.0	0.0
7	-0.3	0.0	-0.1	0.0	0.1	0.0
6	-0.3	0.0	0.0	-0.1	0.1	0.0
5	-0.3	0.0	-0.1	-0.1	0.1	0.0
4	-0.3	0.0	0.0	0.0	0.2	0.0
3	-0.3	0.1	-0.1	0.0	0.2	0.0
2	-0.2	0.0	-0.1	-0.1	0.2	0.0
1	-0.3	0.0	-0.1	0.0	0.2	0.0
0	-0.3	0.0	0.0	0.0	0.2	0.0

ANCHOR TEST EQUATING STUDY: VOCABULARY
GAIN ANALYSIS

SUBTEST AT GRADE 4

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAJ EQUIVALENT SCORES FOR TRIALS 2 AND 1

TRIAL SCORE	CAT DIFF	CITS DIFF	IIIS DIFF	STEPIL DIFF	SRA DIFF	SAT DIFF
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.1	0.0	0.0	0.0	0.0	0.0
37	0.1	0.0	0.0	0.0	0.0	0.0
36	0.1	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.1	0.0	0.0	0.0
34	0.1	0.1	0.0	0.0	0.0	0.0
33	0.1	0.0	0.1	0.0	0.0	0.0
32	0.1	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.1	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.1	0.1	0.0	0.1	-0.1	0.1
28	0.1	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.1	0.0	0.0	0.1	0.0	0.0
25	0.1	0.0	0.0	0.0	0.0	0.0
24	0.1	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.1	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.1	0.0	0.1	0.1	0.0	0.0
19	0.1	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.1	-0.1	0.0	0.0	-0.1	0.0
15	0.1	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.1	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.1	0.0	0.1	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	-0.1	0.0
3	0.1	-0.1	0.0	0.0	-0.1	0.0
2	0.0	0.0	0.0	0.0	-0.1	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

THE FIRST STUDY: VOCALIZING

STATISTICS

TABLE 2 -- DIFFERENCES BETWEEN MATHEQUALENT SCOPES FOR TRIALS 1 AND 0

[illegible]

LINEAR METHOD, PROBLEM 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIRS DIFF	ITPS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	-0.1	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	-0.1	0.0	0.0	0.0	0.0
35	0.0	0.0	0.1	0.0	-0.1	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.1
31	0.0	-0.1	0.0	0.0	-0.1	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.1	0.0	0.0
21	0.0	0.0	0.0	0.1	0.0	0.0
20	0.0	0.0	0.0	0.1	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.1	0.0	0.0
12	0.0	0.0	0.0	0.1	0.0	0.0
11	0.0	0.0	0.0	0.1	0.0	0.0
10	0.0	0.0	0.0	0.1	0.0	0.0
9	0.0	0.0	0.0	0.1	0.0	0.0
8	0.0	0.0	0.0	0.1	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.1	0.0	0.0	0.1	0.0	0.0
1	0.1	0.0	0.0	0.1	0.1	0.0
0	0.1	0.0	0.0	0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 4 VOCABULARY
 DATA ANALYSIS

RAW SCORE	CAT DIF	CYBS DIF	LYBS DIF	STEP11 DIF	SR2 DIF	SAT DIF
50						
49						
48						
47						
46						
45						
44						
43						
42						
41					0.0	
40	0.0	0.0			-0.1	
39	0.0	0.0			-0.1	
38	-0.1	-0.1	0.0		-0.1	0.0
37	-0.2	-0.1	0.0		-0.1	0.0
36	-0.2	-0.1	-0.1		-0.1	0.0
35	0.0	-0.1	0.0		0.0	0.0
34	-0.1	-0.1	0.0		0.0	-0.1
33	-0.2	-0.1	0.0		-0.1	-0.1
32	-0.1	-0.1	-0.1		-0.1	0.0
31	-0.1	-0.1	0.0		-0.1	0.0
30	-0.1	-0.1	0.0	0.0	-0.1	0.0
29	-0.2	-0.1	-0.1	-0.1	-0.1	0.0
28	-0.3	0.0	-0.2	0.0	0.0	0.0
27	-0.3	0.1	-0.1	0.0	0.1	0.0
26	-0.3	0.1	-0.1	-0.1	0.1	-0.1
25	-0.3	0.0	-0.1	-0.1	0.1	-0.1
24	-0.2	0.0	0.0	-0.1	0.2	0.0
23	-0.2	0.0	0.0	-0.2	0.2	0.0
22	-0.3	0.1	0.0	-0.2	0.1	0.1
21	-0.4	0.1	0.0	-0.1	0.1	0.0
20	-0.4	0.0	0.0	0.0	0.2	0.0
19	-0.5	0.1	-0.2	-0.2	0.3	0.0
18	-0.4	0.1	-0.1	-0.3	0.2	-0.1
17	-0.5	0.0	-0.1	-0.1	0.3	0.0
16	-0.5	0.0	-0.1	-0.1	0.3	-0.1
15	-0.5	-0.1	-0.1	-0.1	0.2	-0.1
14	-0.4	-0.1	-0.1	-0.1	0.2	-0.1
13	-0.3	-0.1	-0.1	-0.1	0.2	-0.1
12	-0.4	-0.1	-0.1	-0.1	0.2	-0.1
11	-0.3	-0.1	0.0	-0.1	0.1	-0.1
10	-0.2	-0.1	0.1	0.1	0.1	-0.1
9	0.0	0.0	0.2	0.2	0.2	-0.1
8	0.0	0.0	0.1	0.3	0.0	-0.2
7	0.1	0.1	0.1	0.3	0.0	0.0
6	0.1	0.1	0.0	0.2	0.0	0.0
5	0.1	0.1	0.1	0.2	0.0	0.0
4	0.1	0.0	0.1	0.2	-0.1	-0.2
3	0.0	0.0	0.0	0.2	-0.1	0.0
2	0.0	0.0	0.0	-0.6	0.0	0.0
1	0.0	0.0	0.0	-1.4	0.0	-0.1
0	0.0	0.0	0.0	-0.4	0.0	0.0

AVCAB TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 VOCABULARY

GAIN ANALYSIS

SA	CAI	CIUS	ITRS	STEP11	SRA	SAT
DIFF	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
50						
49						
48						
47						
46						
45						
44						
43						
42						
41						
40						
39	0.0	0.0				0.0
38	0.0	0.0	0.0			0.0
37	0.0	0.0	0.0			0.0
36	0.0	0.0	0.0			0.0
35	0.0	0.0	0.0			0.0
34	0.1	0.0	0.0			0.0
33	0.0	0.0	0.0		0.1	0.0
32	0.0	0.0	0.0		0.1	0.0
31	0.0	0.1	0.0		0.0	0.0
30	0.0	0.1	0.0	0.0	0.0	0.0
29	0.2	0.0	0.1	0.0	0.0	0.0
28	0.0	0.0	0.1	0.0	0.0	0.0
27	0.1	-0.1	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.1
25	0.1	0.0	0.0	0.0	0.0	0.1
24	0.0	0.1	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.1	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.1	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.1	0.0	0.0	0.0	0.0	0.0
18	0.2	0.0	0.0	0.2	0.0	0.0
17	0.2	0.0	0.0	0.2	0.0	0.0
16	0.2	0.0	0.0	0.0	-0.1	0.0
15	0.1	0.0	0.0	0.0	-0.2	0.0
14	0.0	0.0	0.0	0.1	-0.1	0.1
13	0.0	0.0	0.0	0.2	0.0	0.2
12	0.1	0.0	0.0	0.0	0.0	0.0
11	0.2	0.0	0.0	0.3	0.0	0.0
10	0.0	0.0	0.0	0.1	-0.2	0.0
9	0.0	0.0	0.0	0.0	-0.2	0.0
8	0.1	0.0	0.0	0.0	-0.2	0.0
7	0.1	0.0	0.0	0.0	0.1	0.1
6	0.0	0.2	0.0	0.1	0.1	0.0
5	-0.1	0.2	0.0	0.2	0.1	0.1
4	-0.2	0.1	0.0	0.1	0.1	0.0
3	-0.1	0.0	0.0	0.1	0.0	0.0
2	0.0	0.0	0.0	0.1	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 4 VOCABULARY

RAW ANALYSIS

RAW SCORE	GAT DIFF	GTBS DIFF	ITBS DIFF	SEPTI DIFF	SVA DIFF	SAT DIFF
50					0.0	
49					0.0	
48					0.0	
47					0.0	
46					0.0	
45					0.0	
44					0.0	
43					0.0	
42					0.0	
41					0.0	
40					0.0	
39					0.0	
38					0.0	
37					0.0	
36					0.0	
35					0.0	
34					0.0	
33					0.0	
32					0.0	
31					0.0	
30					0.0	
29					0.0	
28					0.0	
27					0.0	
26					0.0	
25					0.0	
24					0.0	
23					0.0	
22					0.0	
21					0.0	
20					0.0	
19					0.0	
18					0.0	
17					0.0	
16					0.0	
15					0.0	
14					0.0	
13					0.0	
12					0.0	
11					0.0	
10					0.0	
9					0.0	
8					0.0	
7					0.0	
6					0.0	
5					0.0	
4					0.0	
3					0.0	
2					0.0	
1					0.0	

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 VOCABULARY

MAIN ANALYSIS

RWA SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
58						
49						
48						
47						
46						
45						
44						
43						
42						
41					0.0	
40	0.0	0.0			0.0	
39	0.0	0.0			0.0	
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	-0.1	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.1	0.0	0.1	0.0	0.0
22	0.0	0.1	0.0	0.0	0.0	0.0
21	0.0	0.1	0.0	0.1	0.0	0.0
20	0.0	0.1	0.0	0.0	0.0	0.0
19	0.1	0.0	0.0	0.0	0.0	0.0
18	0.1	0.0	0.0	0.2	0.1	0.0
17	0.0	0.0	0.1	0.2	0.1	0.0
16	0.0	0.0	-0.1	0.1	0.0	0.1
15	0.0	0.0	-0.1	0.0	0.0	0.0
14	0.0	0.0	0.0	-0.1	0.0	0.0
13	0.0	0.0	0.0	-0.2	0.0	0.0
12	0.0	0.0	0.0	-0.0	0.0	0.0
11	0.0	0.0	0.0	-0.3	0.0	0.0
10	0.0	0.0	0.0	-0.1	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.1	0.0	0.0	0.0	0.0
6	0.1	0.0	0.1	0.0	0.1	0.0
5	0.0	0.0	0.0	-0.1	0.0	0.0
4	0.0	0.0	0.0	-0.2	0.0	0.1
3	0.0	0.0	0.0	0.0	0.0	-0.1
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.1	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

300000 TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 4 VOCABULARY DATA ANALYSIS

224 SCORE	CAT DIFF	CTPS DIFF	IES DIFF	STGHI DIFF	SPH DIFF	SAT DIFF
50					0.3	0.3
49					0.0	0.0
48					0.3	0.3
47					0.0	0.0
46					0.3	0.3
45					0.0	0.0
44					0.3	0.3
43					0.0	0.0
42					0.3	0.3
41					0.0	0.0
40					0.3	0.3
39					0.0	0.0
38					0.3	0.3
37					0.0	0.0
36					0.3	0.3
35					0.0	0.0
34					0.3	0.3
33					0.0	0.0
32					0.3	0.3
31					0.0	0.0
30					0.3	0.3
29					0.0	0.0
28					0.3	0.3
27					0.0	0.0
26					0.3	0.3
25					0.0	0.0
24					0.3	0.3
23					0.0	0.0
22					0.3	0.3
21					0.0	0.0
20					0.3	0.3
19					0.0	0.0
18					0.3	0.3
17					0.0	0.0
16					0.3	0.3
15					0.0	0.0
14					0.3	0.3
13					0.0	0.0
12					0.3	0.3
11					0.0	0.0
10					0.3	0.3
9					0.0	0.0
8					0.3	0.3
7					0.0	0.0
6					0.3	0.3
5					0.0	0.0
4					0.3	0.3
3					0.0	0.0
2					0.3	0.3
1					0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 VOCABULARY

MAIN ANALYSIS

PAV SCORE	CAT DIFF	CTPS DIFF	ITPS DIFF	STEP II DIFF	SRI DIFF	SAT DIFF
50	0.0	0.0			0.0	
51	0.0	0.0			0.0	
52	-0.1	0.0	0.0		0.0	0.0
53	0.0	0.0	0.0		0.0	0.0
54	0.0	0.0	0.0		0.0	0.0
55	0.0	0.0	0.0		0.0	0.0
56	0.0	0.0	0.0		0.0	0.0
57	0.0	0.0	0.0		0.0	0.0
58	0.0	0.0	0.0		0.0	0.0
59	0.0	0.0	0.0		0.0	0.0
60	0.0	0.0	0.0		0.0	0.0
61	0.0	0.0	0.0		0.0	0.0
62	0.0	0.0	0.0		0.0	0.0
63	0.0	0.0	0.0		0.0	0.0
64	0.0	0.0	0.0		0.0	0.0
65	0.0	0.0	0.0		0.0	0.0
66	0.0	0.0	0.0		0.0	0.0
67	0.0	0.0	0.0		0.0	0.0
68	0.0	0.0	0.0		0.0	0.0
69	0.0	0.0	0.0		0.0	0.0
70	0.0	0.0	0.0		0.0	0.0
71	0.0	0.0	0.0		0.0	0.0
72	0.0	0.0	0.0		0.0	0.0
73	0.0	0.0	0.0		0.0	0.0
74	0.0	0.0	0.0		0.0	0.0
75	0.0	0.0	0.0		0.0	0.0
76	0.0	0.0	0.0		0.0	0.0
77	0.0	0.0	0.0		0.0	0.0
78	0.0	0.0	0.0		0.0	0.0
79	0.0	0.0	0.0		0.0	0.0
80	0.0	0.0	0.0		0.0	0.0
81	0.0	0.0	0.0		0.0	0.0
82	0.0	0.0	0.0		0.0	0.0
83	0.0	0.0	0.0		0.0	0.0
84	0.0	0.0	0.0		0.0	0.0
85	0.0	0.0	0.0		0.0	0.0
86	0.0	0.0	0.0		0.0	0.0
87	0.0	0.0	0.0		0.0	0.0
88	0.0	0.0	0.0		0.0	0.0
89	0.0	0.0	0.0		0.0	0.0
90	0.0	0.0	0.0		0.0	0.0
91	0.0	0.0	0.0		0.0	0.0
92	0.0	0.0	0.0		0.0	0.0
93	0.0	0.0	0.0		0.0	0.0
94	0.0	0.0	0.0		0.0	0.0
95	0.0	0.0	0.0		0.0	0.0
96	0.0	0.0	0.0		0.0	0.0
97	0.0	0.0	0.0		0.0	0.0
98	0.0	0.0	0.0		0.0	0.0
99	0.0	0.0	0.0		0.0	0.0
100	0.0	0.0	0.0		0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 VOCABULARY

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	LIBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
59						
40						
48						
47						
45						
44						
43						
42						
41						
39	0.0	0.0			0.0	
38	0.1	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	-0.1		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.1	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0		0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	-0.1	0.0	0.0	0.0	0.0	0.0
26	-0.1	0.0	0.0	0.0	0.0	0.0
25	0.0	0.1	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.1	0.1
23	0.0	-0.1	0.0	0.0	0.0	0.0
22	0.0	-0.1	0.0	0.0	0.0	0.0
21	0.0	-0.1	0.0	0.0	0.0	0.0
20	0.0	-0.2	0.1	-0.1	0.1	0.1
19	0.0	-0.1	0.2	0.1	0.1	0.0
18	0.0	-0.2	0.1	0.0	0.2	0.0
17	0.0	-0.4	0.0	0.0	0.0	0.0
16	-0.1	-0.5	0.0	0.0	0.0	0.1
15	0.0	-0.3	0.0	0.0	0.1	0.0
14	0.0	-0.1	-0.1	0.0	0.0	0.1
13	0.0	0.0	-0.1	-0.1	-0.1	-0.1
12	0.0	0.0	0.0	-0.1	0.0	-0.1
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.0	0.0	-0.1	0.0	0.0
9	0.0	0.0	0.0	-0.2	0.1	0.0
8	0.0	0.0	0.0	-0.2	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	-0.1	-0.1	0.1	0.0	-0.1	0.0
5	-0.1	-0.1	0.0	-0.1	-0.1	-0.1
4	0.0	0.0	0.0	-0.1	0.0	-0.1
3	0.0	-0.1	0.0	-0.1	-0.1	-0.1
2	0.0	0.0	0.0	0.0	0.0	-0.1
1	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 VOCABULARY MAIN ANALYSIS

RAW SCORE	CAT DIFF	CPS DIFF	ITS DIFF	STEP1 DIFF	SIA DIFF	SAT DIFF
30	0.0	0.0			0.0	
40	0.0	0.0			0.0	
43	-0.1	0.0	0.0		0.0	0.0
47	0.0	0.0	0.0		0.0	0.0
48	0.0	0.0	0.0		0.0	0.0
49	0.0	0.0	0.0		0.0	0.0
50	0.0	0.0	0.0		0.0	0.0
51	0.0	0.0	0.0		0.0	0.0
52	0.0	0.0	0.0		0.0	0.0
53	0.0	0.0	0.0		0.0	0.0
54	0.0	0.0	0.0		0.0	0.0
55	0.0	0.0	0.0		0.0	0.0
56	0.0	0.0	0.0		0.0	0.0
57	0.0	0.0	0.0		0.0	0.0
58	0.0	0.0	0.0		0.0	0.0
59	0.0	0.0	0.0		0.0	0.0
60	0.0	0.0	0.0		0.0	0.0
61	0.0	0.0	0.0		0.0	0.0
62	0.0	0.0	0.0		0.0	0.0
63	0.0	0.0	0.0		0.0	0.0
64	0.0	0.0	0.0		0.0	0.0
65	0.0	0.0	0.0		0.0	0.0
66	0.0	0.0	0.0		0.0	0.0
67	0.0	0.0	0.0		0.0	0.0
68	0.0	0.0	0.0		0.0	0.0
69	0.0	0.0	0.0		0.0	0.0
70	0.0	0.0	0.0		0.0	0.0
71	0.0	0.0	0.0		0.0	0.0
72	0.0	0.0	0.0		0.0	0.0
73	0.0	0.0	0.0		0.0	0.0
74	0.0	0.0	0.0		0.0	0.0
75	0.0	0.0	0.0		0.0	0.0
76	0.0	0.0	0.0		0.0	0.0
77	0.0	0.0	0.0		0.0	0.0
78	0.0	0.0	0.0		0.0	0.0
79	0.0	0.0	0.0		0.0	0.0
80	0.0	0.0	0.0		0.0	0.0
81	0.0	0.0	0.0		0.0	0.0
82	0.0	0.0	0.0		0.0	0.0
83	0.0	0.0	0.0		0.0	0.0
84	0.0	0.0	0.0		0.0	0.0
85	0.0	0.0	0.0		0.0	0.0
86	0.0	0.0	0.0		0.0	0.0
87	0.0	0.0	0.0		0.0	0.0
88	0.0	0.0	0.0		0.0	0.0
89	0.0	0.0	0.0		0.0	0.0
90	0.0	0.0	0.0		0.0	0.0
91	0.0	0.0	0.0		0.0	0.0
92	0.0	0.0	0.0		0.0	0.0
93	0.0	0.0	0.0		0.0	0.0
94	0.0	0.0	0.0		0.0	0.0
95	0.0	0.0	0.0		0.0	0.0
96	0.0	0.0	0.0		0.0	0.0
97	0.0	0.0	0.0		0.0	0.0
98	0.0	0.0	0.0		0.0	0.0
99	0.0	0.0	0.0		0.0	0.0
100	0.0	0.0	0.0		0.0	0.0

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。

TABLE 2. EFFECTS OF DIFFERENCES BETWEEN MAT-EQUIVALENT TRIALS¹ AND C

STUDENT TEST READING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4

DATA ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

DATA GROUP	CAT DIFF	CTOS DIFF	ITSS DIFF	SEPII DIFF	SRA DIFF	SAT DIFF
17	-0.1	0.0	0.0	-0.2	0.0	0.0
16	-0.1	0.0	-0.1	-0.3	0.0	0.0
15	-0.1	0.0	0.0	-0.3	0.0	0.0
14	-0.1	0.0	-0.1	-0.2	0.0	0.0
13	0.0	0.0	-0.1	-0.2	0.1	0.0
12	0.0	0.0	-0.1	-0.2	0.1	0.0
11	0.0	0.0	-0.1	-0.3	0.1	0.0
10	0.0	0.0	-0.1	-0.2	0.1	0.0
9	-0.1	0.0	-0.1	-0.2	0.1	-0.1
8	-0.1	0.0	-0.1	-0.2	0.0	0.0
7	-0.1	0.0	-0.1	-0.3	0.0	0.0
6	-0.1	0.0	0.0	-0.2	0.0	0.0
5	-0.1	0.0	-0.1	-0.2	0.0	0.0
4	-0.1	0.0	0.0	-0.2	0.0	0.0
3	-0.1	0.0	-0.1	-0.3	0.0	-0.1
2	-0.1	0.0	0.0	-0.3	0.0	-0.1
1	-0.1	0.0	-0.1	-0.2	0.0	0.0
0	-0.1	0.0	0.0	-0.2	0.1	0.0

TEACHER TEST CORRELATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4

2.2. ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

DATE	CAT	CURS	IHS	STEP II	SZA	SAT
TIME	DIF	DIF	DIF	DIF	DIF	DIF
54	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: PENDING COMPREHENSION SURTEST AT GRADE 4 MAIN ANALYSIS

TABLE 2. DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1.

TRIAL	CAF	CTBS	ITPS	STEP II	SRA	SAT
SCORE	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.1	0.0	0.0
15	0.0	0.0	0.0	0.1	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0

ALCOHOL TEST - RADIATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4 DATA ANALYSIS

LISTED METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 2

RAW SCORE	CAT DIFF	CES DIFF	UTS DIFF	STEP-1 DIFF	SPA DIFF	SAT DIFF
53	0.0	0.0	-0.1	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	-0.1	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	-0.1	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	-0.2
59	0.0	0.0	-0.1	0.0	0.0	-0.2
58	0.0	0.0	0.0	0.0	0.0	-0.2
67	0.0	0.0	0.0	0.0	0.0	-0.1
56	0.0	0.0	0.0	0.0	0.0	-0.1
55	0.0	0.0	0.0	0.0	0.0	-0.1
54	0.0	0.0	0.0	0.0	0.0	-0.1
53	0.0	0.0	0.0	0.0	0.0	-0.1
52	0.0	0.0	0.0	0.0	0.0	-0.2
51	0.0	0.0	0.0	0.0	0.0	-0.2
50	0.0	0.0	0.0	0.0	0.0	-0.1
49	0.0	0.0	0.0	0.0	0.0	-0.1
48	0.0	0.0	0.0	0.0	0.0	-0.1
47	0.0	0.0	0.0	0.0	0.0	-0.1
46	0.0	0.0	0.0	0.0	0.0	-0.1
45	0.0	0.0	0.0	0.0	0.0	-0.1
44	0.0	0.0	0.0	0.0	0.0	-0.1
43	0.0	0.0	0.0	0.0	0.0	-0.1
42	0.0	0.0	0.0	0.0	0.0	-0.1
41	0.0	0.0	0.0	0.0	0.0	-0.1
40	0.0	0.0	0.0	0.0	0.0	-0.1
39	0.0	0.0	0.0	0.0	0.0	-0.1
38	0.0	0.0	0.0	0.0	0.0	-0.1
37	0.0	0.0	0.0	0.0	0.0	-0.1
36	0.0	0.0	0.0	0.0	0.0	-0.1
35	0.0	0.0	0.0	0.0	0.0	-0.1
34	0.0	0.0	0.0	0.0	0.0	-0.1
33	0.0	0.0	0.0	0.0	0.0	-0.1
32	0.0	0.0	0.0	0.0	0.0	-0.1
31	0.0	0.0	0.0	0.0	0.0	-0.1
30	0.0	0.0	0.0	0.0	0.0	-0.1
29	0.0	0.0	0.0	0.0	0.0	-0.1
28	0.0	0.0	0.0	0.0	0.0	-0.1
27	0.0	0.0	0.0	0.0	0.0	-0.1
26	0.0	0.0	0.0	0.0	0.0	-0.1
25	0.0	0.0	0.0	0.0	0.0	-0.1
24	0.0	0.0	0.0	0.0	0.0	-0.1
23	0.0	0.0	0.0	0.0	0.0	-0.1
22	0.0	0.0	0.0	0.0	0.0	-0.1
21	0.0	0.0	0.0	0.0	0.0	-0.1
20	0.0	0.0	0.0	0.0	0.0	-0.1
19	0.0	0.0	0.0	0.0	0.0	-0.1
18	0.0	0.0	0.0	0.0	0.0	-0.1
17	0.0	0.0	0.0	0.0	0.0	-0.1
16	0.0	0.0	0.0	0.0	0.0	-0.1
15	0.0	0.0	0.0	0.0	0.0	-0.1
14	0.0	0.0	0.0	0.0	0.0	-0.1
13	0.0	0.0	0.0	0.0	0.0	-0.1
12	0.0	0.0	0.0	0.0	0.0	-0.1
11	0.0	0.0	0.0	0.0	0.0	-0.1
10	0.0	0.0	0.0	0.0	0.0	-0.1
9	0.0	0.0	0.0	0.0	0.0	-0.1
8	0.0	0.0	0.0	0.0	0.0	-0.1
7	0.0	0.0	0.0	0.0	0.0	-0.1
6	0.0	0.0	0.0	0.0	0.0	-0.1
5	0.0	0.0	0.0	0.0	0.0	-0.1
4	0.0	0.0	0.0	0.0	0.0	-0.1
3	0.0	0.0	0.0	0.0	0.0	-0.1
2	0.0	0.0	0.0	0.0	0.0	-0.1
1	0.0	0.0	0.0	0.0	0.0	-0.1

ANCOVA TEST READING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4

MAIN ANALYSIS

LINEAR REGRESSION PROCEDURE 2 -- DIFFERENCES BETWEEN RAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

QAM GRADE	CAT DIFF	CIPS DIFF	ITUS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
17	-0.2	0.0	0.0	0.0	0.1	0.0
16	-0.2	0.1	0.0	0.0	0.1	0.1
15	-0.2	0.0	0.0	0.0	0.1	0.1
14	-0.2	0.1	0.0	0.0	0.1	0.1
13	-0.2	0.1	0.0	0.0	0.1	0.0
12	-0.2	0.0	0.0	0.0	0.2	0.0
11	-0.2	0.1	0.0	0.0	0.1	0.0
10	-0.2	0.1	0.0	0.0	0.1	0.0
9	-0.2	0.1	0.0	0.0	0.2	0.1
8	-0.2	0.1	0.0	0.0	0.1	0.1
7	-0.2	0.1	0.0	0.1	0.1	0.1
6	-0.2	0.1	0.0	0.0	0.2	0.1
5	-0.2	0.1	0.0	0.0	0.2	0.1
4	-0.2	0.1	0.0	0.0	0.1	0.1
3	-0.2	0.1	0.0	0.0	0.1	0.0
2	-0.3	0.2	0.0	0.1	0.2	0.1
1	-0.3	0.1	0.0	0.0	0.1	0.1
0	-0.3	0.1	0.0	0.1	0.1	0.1

ALCOHOL TEST POINTING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4 DATA ANALYSIS

TABLE 1. METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAY EQUIVALENT COPIES FOR TRIALS 1 AND 1

TRIAL	CAT DIFF	CTRS DIFF	ITPS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
53	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0	0.0	0.0
124	0.0	0.0	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0	0.0	0.0
126	0.0	0.0	0.0	0.0	0.0	0.0
127	0.0	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0	0.0	0.0
137	0.0	0.0	0.0	0.0	0.0	0.0
138	0.0	0.0	0.0	0.0	0.0	0.0
139	0.0	0.0	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0	0.0	0.0
142	0.0	0.0	0.0	0.0	0.0	0.0
143	0.0	0.0	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0	0.0	0.0
146	0.0	0.0	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0	0.0	0.0
149	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0	0.0	0.0
154	0.0	0.0	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0	0.0	0.0
157	0.0	0.0	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0	0.0	0.0
171	0.0	0.0	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0	0.0	0.0
188	0.0	0.0	0.0	0.0	0.0	0.0
189	0.0	0.0	0.0	0.0	0.0	0.0
190	0.0	0.0	0.0	0.0	0.0	0.0
191	0.0	0.0	0.0	0.0	0.0	0.0
192	0.0	0.0	0.0	0.0	0.0	0.0
193	0.0	0.0	0.0	0.0	0.0	0.0
194	0.0	0.0	0.0	0.0	0.0	0.0
195	0.0	0.0	0.0	0.0	0.0	0.0
196	0.0	0.0	0.0	0.0	0.0	0.0
197	0.0	0.0	0.0	0.0	0.0	0.0
198	0.0	0.0	0.0	0.0	0.0	0.0
199	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 4

W4TH ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

SCORE	CAT DIFF	CIPS DIFF	ITPS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
17	5.1	2.0	0.2	3.0	0.0	0.0
16	5.1	0.0	0.0	0.0	0.0	0.0
15	5.1	0.0	0.0	0.0	0.0	0.0
14	5.1	0.0	0.0	0.0	0.0	0.0
13	5.1	0.0	0.0	0.0	0.0	0.0
12	5.1	0.0	0.0	0.0	0.0	0.0
11	5.1	0.0	0.0	0.0	0.0	0.0
10	5.1	0.0	0.0	0.0	0.0	0.0
9	5.1	0.0	0.0	0.0	0.0	0.0
8	5.1	0.0	0.0	0.0	0.0	0.0
7	5.1	0.0	0.0	0.0	0.0	0.0
6	5.1	0.0	0.0	0.0	0.0	0.0
5	5.1	0.0	0.0	0.0	0.0	0.0
4	5.1	0.0	0.0	0.0	0.0	0.0
3	5.1	0.0	0.0	0.0	0.0	0.0
2	5.1	0.0	0.0	0.0	0.0	0.0
1	5.1	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION

RAW SCORE	CAT DIFF	CIBS DIFF	IBS DIFF	STEP II DIFF	S3A DIFF	SAT DIFF
68			C.0			
67			C.0			
66			C.0			
65			-C.1			
64			-C.1			
63			-C.1			
62			-C.2			
61			-C.1			
60			-C.1			0.0
59			-C.2			C.0
58			-C.1			0.0
57			-C.1			-0.1
56			C.0			-0.1
55			C.0			-0.2
54			0.0			-0.1
53			-C.1			-0.2
52			-C.1			-0.1
51			-C.1			-0.1
50			-C.1			-0.2
49			C.0			-0.1
48			C.0		0.0	0.0
47			-C.1		0.0	0.0
46			C.0		-0.1	0.0
45		C.0	-C.1		-0.1	-0.1
44		C.0	C.0		-0.1	-0.1
43		0.0	C.0		-0.1	0.0
42		C.0	C.0		-C.1	0.0
41	-0.1	C.0	C.0		-0.1	-0.1
40	0.0	C.0	C.0		-0.1	0.0
39	-C.1	C.0	C.0		-C.1	0.0
38	-C.1	C.0	C.0		0.0	0.1
37	-0.2	C.0	C.0		0.0	0.2
36	-0.1	-C.1	C.0		-0.1	0.1
35	-C.1	C.0	C.0		-0.1	0.2
34	-0.2	C.0	-C.1		0.1	0.2
33	-0.2	C.1	-C.1		0.1	0.2
32	-C.2	C.1	-C.1		0.0	0.1
31	-0.1	C.1	C.1		C.1	0.1
30	-C.1	C.1	C.1	0.0	C.1	0.0
29	-0.2	C.1	C.0	0.0	C.2	0.1
28	-0.1	C.1	C.0	-0.1	C.1	0.1
27	-0.2	-C.1	C.0	-0.1	C.2	0.0
26	-0.1	C.0	C.0	-0.2	0.2	0.1
25	-0.1	C.1	-C.1	-0.1	C.2	0.1
24	-0.1	C.1	-C.1	-C.1	C.2	0.0
23	-0.3	C.0	-C.1	-0.1	0.1	-0.1
22	-0.2	0.0	-C.1	-C.1	0.2	0.0
21	-0.2	0.1	-C.1	-0.1	0.2	0.0
20	-0.2	C.0	-C.2	-0.3	0.2	0.1
19	-0.2	C.0	-C.2	-0.2	0.2	0.0
18	-0.2	C.0	-0.1	-0.1	C.1	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 2) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
17	-0.3	C.C	-C.1	-C.1	0.0	-0.1
16	-0.2	C.0	C.0	-0.1	0.1	-0.1
15	-C.3	-C.1	C.C	-C.2	0.0	0.0
14	-0.2	0.1	C.0	-0.2	0.0	0.0
13	-0.1	C.1	C.C	-0.3	0.3	0.0
12	-C.1	C.1	C.1	-0.3	0.3	0.0
11	-0.1	C.2	C.1	-0.4	0.2	0.0
10	0.0	0.2	C.1	-0.4	0.1	0.1
9	-0.1	C.2	C.2	-C.3	0.1	0.1
8	-0.1	C.C	C.2	-0.2	0.2	0.3
7	C.0	C.3	C.2	-0.2	0.1	0.3
6	C.1	C.2	C.0	-0.1	0.2	0.4
5	C.1	C.1	-C.1	C.0	0.2	0.3
4	-0.1	-C.1	-C.2	0.1	-0.1	0.1
3	-0.3	-C.3	-C.4	0.2	-0.3	-0.2
2	-0.4	-C.5	-0.6	0.3	-0.6	-0.3
1	-C.7	-C.7	-C.7	-0.2	-0.8	-0.6
0	-0.9	-C.9	-0.8	-C.7	0.0	-0.9

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	ST DIFF
68			C.0			
67			C.0			
66			C.0			
65			C.0			
64			C.0			
63			C.0			
62			C.0			
61			C.0			
60			C.0			0.0
59			C.0			0.0
58			C.0			0.0
57			C.0			0.0
56			C.0			0.0
55			C.0			0.0
54			C.0			0.0
53			C.0			0.0
52			C.0			0.0
51			C.0			0.0
50			C.0			0.0
49			C.0			0.0
48			-C.1		0.0	0.0
47			C.0		C.0	0.0
46			C.0		0.0	0.0
45			C.1		0.0	0.0
44		C.0	C.0		0.0	0.0
43		C.0	C.0		0.0	0.0
42		C.0	C.0		0.0	0.0
41	0.0	C.0	C.0		0.0	0.1
40	0.0	0.0	C.0		0.0	0.1
39	0.0	C.1	C.0		0.0	0.0
38	0.0	C.0	C.0		0.0	0.0
37	0.0	0.0	C.0		C.0	0.0
36	0.0	C.0	C.0		0.0	-0.1
35	0.0	C.0	C.0		0.0	-0.1
34	0.0	C.1	C.1		0.0	-0.1
33	0.0	C.0	C.1		0.0	-0.1
32	0.0	C.0	C.1		0.1	0.0
31	0.0	C.0	C.0		0.1	0.0
30	0.0	C.0	C.0	0.0	0.1	0.1
29	0.1	C.0	C.0	0.0	0.0	0.0
28	0.0	C.0	C.0	-0.1	0.0	0.0
27	0.1	C.1	C.0	-0.1	0.0	0.0
26	0.1	C.0	C.1	0.0	0.0	0.0
25	0.1	C.0	C.1	0.0	0.0	0.0
24	0.0	0.0	C.1	0.0	0.0	0.1
23	0.2	C.0	C.1	0.0	0.1	0.0
22	C.1	C.0	C.1	0.0	0.0	0.0
21	C.1	C.0	C.0	0.0	0.0	0.0
20	0.0	C.0	C.0	0.1	0.0	0.0
19	C.1	C.0	C.0	0.1	0.0	0.0
18	C.1	C.0	C.0	0.0	0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITPS DIFF	STEPIL DIFF	SRA DIFF	SAT DIFF
17	0.1	-0.1	0.0	0.0	0.1	0.0
16	0.2	-0.1	0.0	0.0	0.0	0.0
15	0.2	-0.1	0.0	0.0	0.0	0.0
14	0.0	-0.2	0.0	0.1	-0.1	0.0
13	0.0	-0.1	0.0	0.0	-0.2	0.0
12	0.1	-0.1	-0.1	0.0	-0.2	0.0
11	0.1	-0.1	-0.1	0.1	-0.1	0.0
10	0.0	-0.1	-0.1	0.1	0.0	0.0
9	0.0	0.0	-0.2	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	-0.2	-0.2
7	-0.1	-0.1	0.0	0.0	-0.1	-0.1
6	-0.1	0.1	0.0	0.0	-0.1	-0.2
5	-0.1	0.1	0.0	0.0	0.0	-0.2
4	-0.1	0.0	0.0	0.0	0.0	-0.1
3	0.0	0.0	0.0	-0.1	0.0	-0.1
2	-0.1	0.0	0.0	-0.2	0.0	-0.1
1	-0.1	0.0	0.0	-0.1	0.0	-0.1
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CPS DIFF	IIRS DIFF	STEP II DIFF	SRA DIFF	SAI DIFF
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			0.0
55			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0		0.0	0.0
47			0.0		0.0	0.0
46			0.0		0.0	0.0
45		0.0	0.0		0.0	0.0
44		0.0	0.0		0.0	0.0
43		0.0	0.0		0.0	0.0
42	0.0	0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	-0.1	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	-0.1		0.0	0.0
31	0.0	0.0	-0.1		0.0	0.0
30	-0.1	0.0	-0.1	0.0	0.0	0.0
29	-0.1	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	-0.1
27	-0.1	0.0	0.0	0.0	0.0	0.0
26	-0.1	0.0	0.0	0.0	0.0	0.0
25	-0.1	-0.1	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	-0.1	0.0	0.0	0.0	-0.1	0.0
22	-0.1	0.0	0.0	0.0	-0.1	0.0
21	-0.1	0.0	0.0	0.0	-0.1	0.0
20	0.0	0.0	0.0	0.0	-0.1	0.0
19	0.0	0.0	0.0	0.0	-0.1	0.0
18	0.0	0.0	0.0	0.0	-0.2	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITPS DIFF	STEP II DIFF	IRA (11%)	SAT DIFF
17	-0.1	0.1	0.0	0.0	-0.1	0.0
16	-0.2	0.1	0.0	0.0	0.0	0.0
15	-0.2	0.0	0.0	0.0	0.0	0.0
14	0.0	0.1	-0.1	0.0	0.0	0.0
13	0.0	0.1	0.0	-0.1	0.0	0.0
12	-0.1	0.1	-0.1	0.0	0.0	-0.1
11	-0.1	0.0	0.0	0.0	0.0	0.0
10	-0.1	0.0	0.0	0.0	-0.1	0.0
9	0.0	-0.1	0.0	0.0	0.0	0.0
8	-0.1	0.0	-0.1	0.0	0.0	0.0
7	0.0	0.0	-0.1	0.0	0.0	0.0
6	0.0	-0.2	-0.1	0.0	-0.1	0.0
5	-0.1	-0.2	0.0	-0.1	-0.2	-0.1
4	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
3	-0.1	-0.1	-0.1	0.0	-0.1	0.0
2	0.0	-0.1	0.0	0.1	-0.1	-0.1
1	0.0	-0.1	-0.1	0.0	-0.1	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SP1 DIFF	SAT DIFF
63			0.0			
62			0.0			
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			0.0
55			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0		0.0	0.0
47			0.0		0.0	0.0
46			0.0		0.0	0.0
45			0.0		0.0	0.0
44			0.0		0.0	0.0
43			0.0		0.0	0.0
42			0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.1	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.1	0.0	0.0	0.0	0.0	0.0
26	0.1	0.0	0.0	0.0	0.0	0.0
25	0.1	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.1	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLE (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITPS DIFF	STEP II DIFF	SIA DIFF	SAT DIFF
17	C.1	C.0	C.0	0.0	0.0	0.1
16	0.2	C.0	C.0	0.0	0.0	0.1
15	C.2	C.0	C.0	0.0	0.0	0.0
14	0.0	C.0	C.0	0.0	0.0	0.0
13	0.0	0.0	C.0	0.0	0.0	0.0
12	0.1	C.0	C.0	0.0	0.0	0.1
11	0.0	C.0	C.0	0.0	0.0	0.0
10	0.0	0.0	C.0	0.0	0.0	0.0
9	0.0	C.0	C.0	0.0	0.0	0.0
8	0.0	C.0	C.0	0.0	0.0	0.0
7	0.0	C.0	C.0	0.0	0.0	0.0
6	C.0	C.1	C.0	0.0	0.0	0.0
5	0.0	C.1	C.0	0.0	0.0	0.0
4	0.0	C.1	C.0	0.0	0.1	0.0
3	0.0	C.1	C.0	0.0	0.1	0.0
2	0.0	C.1	C.0	-0.2	0.1	0.0
1	0.0	C.1	C.0	-0.1	0.1	0.0
0	0.0	0.0	0.0	-0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
69			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.1			
62			0.1			
61			0.2			
60			0.1			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.1
56			0.0			0.1
55			0.0			0.1
54			0.1			0.1
53			0.1			0.0
52			0.2			0.0
51			0.1			0.0
50			0.0			0.1
49			0.0			0.1
48			0.0		0.0	0.1
47			0.0		0.1	0.2
46			0.0		0.1	0.2
45		0.0	0.0		0.1	0.0
44		0.1	0.0		0.1	0.0
43		0.1	0.0		0.0	0.0
42	0.0	-0.1	0.0		0.0	0.0
41	0.1	-0.1	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.1	0.0		0.1	0.0
38	-0.1	0.1	0.0		0.1	0.0
37	-0.1	0.0	0.1		0.1	0.0
36	-0.1	-0.1	0.1		0.0	0.0
35	-0.1	0.0	0.1		0.0	-0.1
34	0.0	-0.1	0.1		0.0	-0.1
33	0.0	-0.1	0.1		0.0	0.0
32	0.0	-0.1	0.2		0.0	0.0
31	-0.1	0.0	0.1		0.1	0.0
30	-0.1	0.0	0.1	0.0	0.1	0.0
29	-0.1	0.0	0.0	0.0	0.1	0.1
28	-0.1	0.1	0.0	0.0	0.2	0.1
27	-0.1	0.2	0.0	0.0	0.1	0.0
26	-0.1	0.2	0.1	0.0	0.1	-0.1
25	-0.2	0.1	0.0	0.1	0.1	-0.1
24	-0.2	0.0	0.1	0.0	0.1	-0.1
23	-0.3	0.0	0.1	0.1	0.1	-0.1
22	-0.3	0.0	0.1	0.1	0.2	0.0
21	-0.4	0.0	0.0	0.0	0.2	0.0
20	-0.4	0.1	0.0	0.0	0.0	0.0
19	-0.3	0.1	0.0	0.0	-0.1	0.0
18	-0.3	0.1	0.0	0.0	0.1	0.0

ALCOHOL TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION
MAIN ANALYSIS

2nd SCORE	CAT DIFF	CBS DIFF	IBS DIFF	STEP II DIFF	184 DIFF	SAT DIFF
17	-0.3	0.2	0.0	0.0	0.2	0.0
16	-0.3	0.1	0.1	0.0	0.1	0.0
15	-0.3	0.1	0.1	0.0	0.1	0.0
14	-0.1	0.0	0.0	0.1	0.0	-0.1
13	-0.1	0.0	-0.1	-0.1	0.0	-0.1
12	-0.1	0.0	0.1	-0.1	0.1	-0.1
11	-0.2	-0.1	0.1	0.0	0.0	0.0
10	-0.2	-0.1	0.1	0.0	0.0	0.1
9	-0.1	-0.1	0.2	0.2	-0.1	0.1
8	0.0	0.0	0.2	0.0	0.0	0.1
7	0.0	0.0	0.2	-0.1	0.1	0.1
6	0.1	0.0	0.1	-0.1	0.0	-0.1
5	0.0	0.0	0.1	-0.2	-0.1	0.0
4	0.0	0.0	0.1	-0.1	0.0	-0.1
3	0.0	0.0	0.1	0.1	-0.1	0.0
2	0.0	0.0	0.1	0.0	0.0	-0.1
1	0.0	0.0	0.1	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION

DATA ANALYSIS

TEST SCORE	CAT DIFF	CTOS DIFF	IT'S DIFF	STEP II DIFF	SSA DIFF	SAT DIFF
1			0.0			
67			0.0			
60			0.0			
55			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
66			0.0			0.0
56			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0			0.0
47			0.0		0.0	0.0
46			0.0		0.0	0.0
45		0.0	0.0		0.0	0.0
44		0.0	0.0		0.0	0.0
43		0.0	0.0		0.0	0.0
42		0.0	0.0		0.0	0.0
41		0.0	0.0		0.0	0.0
40		0.0	0.0		0.0	0.0
39		0.0	0.0		0.0	0.0
38		0.0	0.0		0.0	0.0
37		0.0	-0.1		0.0	0.0
36		0.0	-0.1		0.0	0.0
35		0.0	-0.1		0.0	0.0
34		0.0	-0.1		0.0	0.0
33		0.0	-0.1		0.0	0.0
32		0.0	-0.1		0.0	0.0
31		0.0	-0.1		0.0	0.0
30		0.0	0.0	0.0	0.0	0.0
29		0.0	0.0	0.0	-0.1	0.0
28		0.0	0.0	0.0	-0.1	0.0
27		0.0	0.0	0.0	0.0	0.1
26		0.0	-0.1	0.0	0.0	0.1
25		0.0	-0.1	0.0	0.0	0.0
24		0.0	-0.1	0.0	-0.1	0.0
23		0.0	-0.1	0.0	-0.1	0.0
22		0.0	0.0	0.0	0.0	0.0
21		0.0	0.0	0.0	0.0	0.0
20		0.0	0.0	0.0	0.1	0.0
19		0.0	0.0	0.0	0.0	0.0
18		0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEP11 DIFF	SIA DIFF	SAT DIFF
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.1	0.0	0.0	0.0	0.0	0.0
15	0.1	0.0	0.0	0.0	0.0	0.0
14	0.0	0.1	0.0	0.0	0.1	0.1
13	0.0	0.0	0.1	0.1	0.1	0.1
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.1	0.1	0.0	0.0	0.1
10	-0.1	0.0	0.0	0.0	0.0	0.0
9	-0.1	0.1	0.0	-0.2	0.1	0.0
8	0.0	0.0	0.1	0.0	0.1	-0.1
7	0.0	0.1	0.1	0.0	0.1	0.0
6	-0.1	0.1	0.1	0.0	0.1	0.1
5	0.1	0.1	0.1	0.0	0.2	0.0
4	0.1	0.1	0.0	0.1	0.1	0.1
3	0.1	0.1	0.0	0.0	0.1	0.0
2	0.0	0.1	0.0	0.1	0.1	0.1
1	0.0	0.1	0.0	0.0	0.0	0.0
0	0.0	0.1	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION
 MAIN ANALYSIS

RA SCORE	CAT DIFF	CT25 DIFF	IT25 DIFF	STEP11 DIFF	SEA DIFF	SAT DIFF
69			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.0			
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			0.0
55			0.0			0.0
54			-0.1			0.0
53			0.0			0.0
52			0.0			0.0
51			-0.1			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0			0.0
47			0.0		0.0	-0.1
46			0.0		0.0	-0.1
45		0.0	0.0		0.0	0.0
44		0.0	0.0		0.0	0.0
43		0.0	0.0		0.0	0.0
42		0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		-0.1	0.0
38	0.0	0.0	0.0		-0.1	0.0
37	0.0	0.0	0.1		-0.1	0.0
36	0.0	0.0	0.1		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	-0.1	0.0	0.1		0.0	0.0
33	-0.1	0.0	0.0		0.0	0.0
32	0.0	0.0	0.1		0.0	0.0
31	0.0	0.0	0.1		0.0	0.0
30	0.0	0.0	0.0		0.0	0.0
29	0.0	0.0	-0.1	0.0	0.0	0.0
28	0.0	0.0	-0.1	0.0	0.0	0.0
27	0.0	0.0	-0.1	0.0	0.0	-0.1
26	0.0	0.0	0.0	0.0	0.0	-0.1
25	0.0	-0.1	0.0	-0.1	0.0	0.0
24	0.0	-0.1	0.0	0.0	0.0	0.0
23	0.0	-0.1	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	-0.1	0.0	0.0	0.0	-0.1	0.0
20	-0.1	0.0	0.0	0.0	-0.1	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0

GRADE 4 TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION

ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

5. EQUIPMENTAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION UNIT ANALYSIS

ANALYSIS

MODEL TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 READING COMPREHENSION

DATA ANALYSIS

Item ID	CAF DIFF	GIPS DIFF	ITDS DIFF	STEP II DIFF	SR/ TIF	SAT DIFF
17	0.0	0.0	0.0	0.0	0.0	0.0
18	0.1	0.1	0.0	0.0	0.1	0.0
19	0.1	0.1	0.0	0.0	0.2	0.0
20	0.0	0.1	0.1	0.0	0.1	0.1
21	0.0	0.0	0.1	0.1	0.1	0.1
22	0.0	0.1	0.1	0.0	0.0	0.0
23	0.1	0.2	0.1	0.0	0.1	0.2
24	0.1	0.1	0.0	0.0	0.0	0.0
25	-0.1	0.2	0.1	-0.1	0.1	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
27	-0.1	0.0	0.1	0.1	0.0	0.1
28	0.0	0.0	0.1	0.1	0.1	0.0
29	0.0	0.0	0.1	0.0	0.1	0.1
30	0.0	0.0	0.0	0.0	0.1	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.1	0.1
33	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0

LOGAN TEST EQUATING STUDY: TOTAL
GAIN ANALYSIS

SUBTEST AT GRADE 4

LOGAN METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAY EQUIVALENT SCORES FOR TRIALS 1 AND 0

TRIAL	CAT DIFF	CHOS DIFF	ITGS DIFF	STRIKE DIFF	SBA DIFF	SAT DIFF
1	-0.2	0.1	-0.1	-0.3	0.2	0.0
2	-0.4	0.1	-0.1	-0.3	0.2	0.0
3	-0.2	0.1	-0.1	-0.3	0.2	-0.1
4	-0.3	0.0	-0.2	-1.2	0.2	0.0
5	-0.4	0.0	-0.2	-1.3	0.2	0.0

WAGNER TEST SCORING STUDY: TOTAL DATA ANALYSIS

SUBTEST AT GRADE 4

GRADE 4 STUDENT PRODUCTION 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

STU SCORE	MAT DIFF	CTPS DIFF	IT-3 DIFF	STERIL DIFF	SRA DIFF	SAT DIFF
12	0.0	0.0	0.1	0.0	0.0	0.0
13	0.0	0.0	0.1	0.0	0.0	0.0
14	0.0	0.0	0.1	0.0	0.0	0.0
15	0.0	0.0	0.1	0.0	0.0	0.0
16	0.0	0.0	0.1	0.0	0.0	0.0
17	0.0	0.0	0.1	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0
23	0.0	0.0	0.1	0.0	0.0	0.0
24	0.0	0.0	0.1	0.0	0.0	0.0
25	0.0	0.0	0.1	0.0	0.0	0.0
26	0.0	0.0	0.1	0.0	0.0	0.0
27	0.0	0.0	0.1	0.0	0.0	0.0
28	0.0	0.0	0.1	0.0	0.0	0.0
29	0.0	0.0	0.1	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0

SUBTEST AT GRADE 4

ANALYSIS OF TEST RESULTS: TOTAL
ANALYSIS

DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	SA DIFF	CT DIFF	TP DIFF	ST DIFF	SA DIFF	SA DIFF
52	0.1	0.0	0.1	0.2	0.0	0.0
53	0.1	0.0	0.0	0.1	0.0	0.0
54	0.1	0.0	0.0	0.1	0.0	0.0
55	0.1	0.0	0.0	0.1	0.0	0.0
56	0.1	0.0	0.0	0.1	0.0	0.0
57	0.1	0.0	0.0	0.1	0.0	0.0
58	0.1	0.0	0.0	0.1	0.0	0.0
59	0.1	0.0	0.0	0.1	0.0	0.0
60	0.1	0.0	0.0	0.1	0.0	0.0
61	0.1	0.0	0.0	0.1	0.0	0.0
62	0.1	0.0	0.0	0.1	0.0	0.0
63	0.1	0.0	0.0	0.1	0.0	0.0
64	0.1	0.0	0.0	0.1	0.0	0.0
65	0.1	0.0	0.0	0.1	0.0	0.0
66	0.1	0.0	0.0	0.1	0.0	0.0
67	0.1	0.0	0.0	0.1	0.0	0.0
68	0.1	0.0	0.0	0.1	0.0	0.0
69	0.1	0.0	0.0	0.1	0.0	0.0
70	0.1	0.0	0.0	0.1	0.0	0.0
71	0.1	0.0	0.0	0.1	0.0	0.0
72	0.1	0.0	0.0	0.1	0.0	0.0
73	0.1	0.0	0.0	0.1	0.0	0.0
74	0.1	0.0	0.0	0.1	0.0	0.0
75	0.1	0.0	0.0	0.1	0.0	0.0
76	0.1	0.0	0.0	0.1	0.0	0.0
77	0.1	0.0	0.0	0.1	0.0	0.0
78	0.1	0.0	0.0	0.1	0.0	0.0
79	0.1	0.0	0.0	0.1	0.0	0.0
80	0.1	0.0	0.0	0.1	0.0	0.0
81	0.1	0.0	0.0	0.1	0.0	0.0
82	0.1	0.0	0.0	0.1	0.0	0.0
83	0.1	0.0	0.0	0.1	0.0	0.0
84	0.1	0.0	0.0	0.1	0.0	0.0
85	0.1	0.0	0.0	0.1	0.0	0.0
86	0.1	0.0	0.0	0.1	0.0	0.0
87	0.1	0.0	0.0	0.1	0.0	0.0
88	0.1	0.0	0.0	0.1	0.0	0.0
89	0.1	0.0	0.0	0.1	0.0	0.0
90	0.1	0.0	0.0	0.1	0.0	0.0
91	0.1	0.0	0.0	0.1	0.0	0.0
92	0.1	0.0	0.0	0.1	0.0	0.0
93	0.1	0.0	0.0	0.1	0.0	0.0
94	0.1	0.0	0.0	0.1	0.0	0.0
95	0.1	0.0	0.0	0.1	0.0	0.0
96	0.1	0.0	0.0	0.1	0.0	0.0
97	0.1	0.0	0.0	0.1	0.0	0.0
98	0.1	0.0	0.0	0.1	0.0	0.0
99	0.1	0.0	0.0	0.1	0.0	0.0
100	0.1	0.0	0.0	0.1	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
DATA ANALYSIS

SUBJECT AT GRADE 4

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTOS DIFF	ITOS DIFF	STEP1 DIFF	SNA DIFF	SAT DIFF
4	0.0	-0.1	0.0	0.0	0.0	0.0
3	0.0	-0.1	0.0	0.0	0.0	0.0
2	0.0	-0.1	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

DATA ANALYSIS

1. ANALYSIS OF DIFFERENCES BETWEEN EQUIVALENT SCORES FOR TRIALS 3 AND 2

TRIAL	SCORE	CAT	CIP	ITR	SEPT	SRA	SAT
		DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
1	15	0.0	0.0	-0.1	0.0	0.0	0.0
2	16	0.0	0.0	0.0	0.0	0.0	0.0
3	17	0.0	0.0	0.0	0.0	0.0	0.0
4	18	0.0	0.0	0.0	0.0	0.0	0.0
5	19	0.0	0.0	0.0	0.0	0.0	0.0
6	20	0.0	0.0	0.0	0.0	0.0	0.0
7	21	0.0	0.0	0.0	0.0	0.0	0.0
8	22	0.0	0.0	0.0	0.0	0.0	0.0
9	23	0.0	0.0	0.0	0.0	0.0	0.0
10	24	0.0	0.0	0.0	0.0	0.0	0.0
11	25	0.0	0.0	0.0	0.0	0.0	0.0
12	26	0.0	0.0	0.0	0.0	0.0	0.0
13	27	0.0	0.0	0.0	0.0	0.0	0.0
14	28	0.0	0.0	0.0	0.0	0.0	0.0
15	29	0.0	0.0	0.0	0.0	0.0	0.0
16	30	0.0	0.0	0.0	0.0	0.0	0.0
17	31	0.0	0.0	0.0	0.0	0.0	0.0
18	32	0.0	0.0	0.0	0.0	0.0	0.0
19	33	0.0	0.0	0.0	0.0	0.0	0.0
20	34	0.0	0.0	0.0	0.0	0.0	0.0
21	35	0.0	0.0	0.0	0.0	0.0	0.0
22	36	0.0	0.0	0.0	0.0	0.0	0.0
23	37	0.0	0.0	0.0	0.0	0.0	0.0
24	38	0.0	0.0	0.0	0.0	0.0	0.0
25	39	0.0	0.0	0.0	0.0	0.0	0.0
26	40	0.0	0.0	0.0	0.0	0.0	0.0
27	41	0.0	0.0	0.0	0.0	0.0	0.0
28	42	0.0	0.0	0.0	0.0	0.0	0.0
29	43	0.0	0.0	0.0	0.0	0.0	0.0
30	44	0.0	0.0	0.0	0.0	0.0	0.0
31	45	0.0	0.0	0.0	0.0	0.0	0.0
32	46	0.0	0.0	0.0	0.0	0.0	0.0
33	47	0.0	0.0	0.0	0.0	0.0	0.0
34	48	0.0	0.0	0.0	0.0	0.0	0.0
35	49	0.0	0.0	0.0	0.0	0.0	0.0
36	50	0.0	0.0	0.0	0.0	0.0	0.0
37	51	0.0	0.0	0.0	0.0	0.0	0.0
38	52	0.0	0.0	0.0	0.0	0.0	0.0
39	53	0.0	0.0	0.0	0.0	0.0	0.0
40	54	0.0	0.0	0.0	0.0	0.0	0.0
41	55	0.0	0.0	0.0	0.0	0.0	0.0
42	56	0.0	0.0	0.0	0.0	0.0	0.0
43	57	0.0	0.0	0.0	0.0	0.0	0.0
44	58	0.0	0.0	0.0	0.0	0.0	0.0
45	59	0.0	0.0	0.0	0.0	0.0	0.0
46	60	0.0	0.0	0.0	0.0	0.0	0.0
47	61	0.0	0.0	0.0	0.0	0.0	0.0
48	62	0.0	0.0	0.0	0.0	0.0	0.0
49	63	0.0	0.0	0.0	0.0	0.0	0.0
50	64	0.0	0.0	0.0	0.0	0.0	0.0
51	65	0.0	0.0	0.0	0.0	0.0	0.0
52	66	0.0	0.0	0.0	0.0	0.0	0.0
53	67	0.0	0.0	0.0	0.0	0.0	0.0
54	68	0.0	0.0	0.0	0.0	0.0	0.0
55	69	0.0	0.0	0.0	0.0	0.0	0.0
56	70	0.0	0.0	0.0	0.0	0.0	0.0
57	71	0.0	0.0	0.0	0.0	0.0	0.0
58	72	0.0	0.0	0.0	0.0	0.0	0.0
59	73	0.0	0.0	0.0	0.0	0.0	0.0
60	74	0.0	0.0	0.0	0.0	0.0	0.0
61	75	0.0	0.0	0.0	0.0	0.0	0.0
62	76	0.0	0.0	0.0	0.0	0.0	0.0
63	77	0.0	0.0	0.0	0.0	0.0	0.0
64	78	0.0	0.0	0.0	0.0	0.0	0.0
65	79	0.0	0.0	0.0	0.0	0.0	0.0
66	80	0.0	0.0	0.0	0.0	0.0	0.0
67	81	0.0	0.0	0.0	0.0	0.0	0.0
68	82	0.0	0.0	0.0	0.0	0.0	0.0
69	83	0.0	0.0	0.0	0.0	0.0	0.0
70	84	0.0	0.0	0.0	0.0	0.0	0.0
71	85	0.0	0.0	0.0	0.0	0.0	0.0
72	86	0.0	0.0	0.0	0.0	0.0	0.0
73	87	0.0	0.0	0.0	0.0	0.0	0.0
74	88	0.0	0.0	0.0	0.0	0.0	0.0
75	89	0.0	0.0	0.0	0.0	0.0	0.0
76	90	0.0	0.0	0.0	0.0	0.0	0.0
77	91	0.0	0.0	0.0	0.0	0.0	0.0
78	92	0.0	0.0	0.0	0.0	0.0	0.0
79	93	0.0	0.0	0.0	0.0	0.0	0.0
80	94	0.0	0.0	0.0	0.0	0.0	0.0
81	95	0.0	0.0	0.0	0.0	0.0	0.0
82	96	0.0	0.0	0.0	0.0	0.0	0.0
83	97	0.0	0.0	0.0	0.0	0.0	0.0
84	98	0.0	0.0	0.0	0.0	0.0	0.0
85	99	0.0	0.0	0.0	0.0	0.0	0.0
86	100	0.0	0.0	0.0	0.0	0.0	0.0

ANALYSTS
TESTING STUDY: TOTAL

LINEAR WITH TWO PROCESSES 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 3 AND 2

WATER TEST REPORTING STUDY: TOTAL
WATER ANALYSIS

SUBTEST AT GRADE 4

LINEAR METHOD CONC. DIFF. 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SLOPES FOR TRIALS 3 AND 2

TRIAL	CAT	CLTS	LTFS	STPH	SOA	SAT
NO.	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

LITWIN METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 2

TRIAL	DATA	CT'S	IT'S	STP'S	SIA	SAT
SCORE	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
14	0.0	0.0	-0.2	0.0	0.0	0.0
15	-0.2	0.0	-0.2	0.0	0.0	0.0
16	0.0	0.0	-0.2	0.0	0.0	0.0
17	0.0	0.0	-0.2	0.0	0.0	0.0
18	0.0	0.0	-0.2	0.0	0.0	0.0
19	0.0	0.0	-0.2	0.0	0.0	0.0
20	0.0	0.0	-0.2	0.0	0.0	0.0
21	0.0	0.0	-0.2	0.0	0.0	0.0
22	0.0	0.0	-0.2	0.0	0.0	0.0
23	0.0	0.0	-0.2	0.0	0.0	0.0
24	0.0	0.0	-0.2	0.0	0.0	0.0
25	0.0	0.0	-0.2	0.0	0.0	0.0
26	0.0	0.0	-0.2	0.0	0.0	0.0
27	0.0	0.0	-0.2	0.0	0.0	0.0
28	0.0	0.0	-0.2	0.0	0.0	0.0
29	0.0	0.0	-0.2	0.0	0.0	0.0
30	0.0	0.0	-0.2	0.0	0.0	0.0
31	0.0	0.0	-0.2	0.0	0.0	0.0
32	0.0	0.0	-0.2	0.0	0.0	0.0
33	0.0	0.0	-0.2	0.0	0.0	0.0
34	0.0	0.0	-0.2	0.0	0.0	0.0
35	0.0	0.0	-0.2	0.0	0.0	0.0
36	0.0	0.0	-0.2	0.0	0.0	0.0
37	0.0	0.0	-0.2	0.0	0.0	0.0
38	0.0	0.0	-0.2	0.0	0.0	0.0
39	0.0	0.0	-0.2	0.0	0.0	0.0
40	0.0	0.0	-0.2	0.0	0.0	0.0
41	0.0	0.0	-0.2	0.0	0.0	0.0
42	0.0	0.0	-0.2	0.0	0.0	0.0
43	0.0	0.0	-0.2	0.0	0.0	0.0
44	0.0	0.0	-0.2	0.0	0.0	0.0
45	0.0	0.0	-0.2	0.0	0.0	0.0
46	0.0	0.0	-0.2	0.0	0.0	0.0
47	0.0	0.0	-0.2	0.0	0.0	0.0
48	0.0	0.0	-0.2	0.0	0.0	0.0
49	0.0	0.0	-0.2	0.0	0.0	0.0
50	0.0	0.0	-0.2	0.0	0.0	0.0
51	0.0	0.0	-0.2	0.0	0.0	0.0
52	0.0	0.0	-0.2	0.0	0.0	0.0
53	0.0	0.0	-0.2	0.0	0.0	0.0
54	0.0	0.0	-0.2	0.0	0.0	0.0
55	0.0	0.0	-0.2	0.0	0.0	0.0
56	0.0	0.0	-0.2	0.0	0.0	0.0
57	0.0	0.0	-0.2	0.0	0.0	0.0
58	0.0	0.0	-0.2	0.0	0.0	0.0
59	0.0	0.0	-0.2	0.0	0.0	0.0
60	0.0	0.0	-0.2	0.0	0.0	0.0
61	0.0	0.0	-0.2	0.0	0.0	0.0
62	0.0	0.0	-0.2	0.0	0.0	0.0
63	0.0	0.0	-0.2	0.0	0.0	0.0
64	0.0	0.0	-0.2	0.0	0.0	0.0
65	0.0	0.0	-0.2	0.0	0.0	0.0
66	0.0	0.0	-0.2	0.0	0.0	0.0
67	0.0	0.0	-0.2	0.0	0.0	0.0
68	0.0	0.0	-0.2	0.0	0.0	0.0
69	0.0	0.0	-0.2	0.0	0.0	0.0
70	0.0	0.0	-0.2	0.0	0.0	0.0
71	0.0	0.0	-0.2	0.0	0.0	0.0
72	0.0	0.0	-0.2	0.0	0.0	0.0
73	0.0	0.0	-0.2	0.0	0.0	0.0
74	0.0	0.0	-0.2	0.0	0.0	0.0
75	0.0	0.0	-0.2	0.0	0.0	0.0
76	0.0	0.0	-0.2	0.0	0.0	0.0
77	0.0	0.0	-0.2	0.0	0.0	0.0
78	0.0	0.0	-0.2	0.0	0.0	0.0
79	0.0	0.0	-0.2	0.0	0.0	0.0
80	0.0	0.0	-0.2	0.0	0.0	0.0
81	0.0	0.0	-0.2	0.0	0.0	0.0
82	0.0	0.0	-0.2	0.0	0.0	0.0
83	0.0	0.0	-0.2	0.0	0.0	0.0
84	0.0	0.0	-0.2	0.0	0.0	0.0
85	0.0	0.0	-0.2	0.0	0.0	0.0
86	0.0	0.0	-0.2	0.0	0.0	0.0
87	0.0	0.0	-0.2	0.0	0.0	0.0
88	0.0	0.0	-0.2	0.0	0.0	0.0
89	0.0	0.0	-0.2	0.0	0.0	0.0
90	0.0	0.0	-0.2	0.0	0.0	0.0
91	0.0	0.0	-0.2	0.0	0.0	0.0
92	0.0	0.0	-0.2	0.0	0.0	0.0
93	0.0	0.0	-0.2	0.0	0.0	0.0
94	0.0	0.0	-0.2	0.0	0.0	0.0
95	0.0	0.0	-0.2	0.0	0.0	0.0
96	0.0	0.0	-0.2	0.0	0.0	0.0
97	0.0	0.0	-0.2	0.0	0.0	0.0
98	0.0	0.0	-0.2	0.0	0.0	0.0
99	0.0	0.0	-0.2	0.0	0.0	0.0
100	0.0	0.0	-0.2	0.0	0.0	0.0

ANCHOR TEST COATING STUDY: TOTAL DATA ANALYSIS

SURTEST AT GRADE 4

LISTED WITHIN BRACKET 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 2

TRIAL NO.	GAT DIFF	CTCS DIFF	LTCS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
1	-0.2	0.0	-0.2	-0.1	0.0	0.1
2	-0.3	0.0	-0.2	-0.1	0.1	0.2
3	-0.3	0.0	-0.2	-0.1	0.1	0.1
4	-0.3	0.0	-0.3	-0.2	0.1	-0.1
5	-0.3	0.1	-0.3	-0.2	0.1	-0.1
6	-0.3	0.1	-0.3	-0.2	0.1	-0.1
7	-0.3	0.1	-0.3	-0.2	0.1	0.0
8	-0.3	0.1	-0.3	-0.2	0.1	-0.1
9	-0.3	0.1	-0.3	-0.2	0.1	0.0
10	-0.3	0.1	-0.3	-0.2	0.1	0.0
11	-0.3	0.1	-0.3	-0.2	0.1	-0.1
12	-0.3	0.1	-0.3	-0.2	0.1	0.0
13	-0.3	0.1	-0.3	-0.2	0.1	0.0
14	-0.3	0.1	-0.3	-0.2	0.1	0.0
15	-0.3	0.1	-0.3	-0.2	0.1	0.0
16	-0.3	0.1	-0.3	-0.2	0.1	0.0
17	-0.3	0.1	-0.3	-0.2	0.1	0.0
18	-0.3	0.1	-0.3	-0.2	0.1	0.0
19	-0.3	0.1	-0.3	-0.2	0.1	0.0
20	-0.3	0.1	-0.3	-0.2	0.1	0.0
21	-0.3	0.1	-0.3	-0.2	0.1	0.0
22	-0.3	0.1	-0.3	-0.2	0.1	0.0
23	-0.3	0.1	-0.3	-0.2	0.1	0.0
24	-0.3	0.1	-0.3	-0.2	0.1	0.0
25	-0.3	0.1	-0.3	-0.2	0.1	0.0
26	-0.3	0.1	-0.3	-0.2	0.1	0.0
27	-0.3	0.1	-0.3	-0.2	0.1	0.0
28	-0.3	0.1	-0.3	-0.2	0.1	0.0
29	-0.3	0.1	-0.3	-0.2	0.1	0.0
30	-0.3	0.1	-0.3	-0.2	0.1	0.0
31	-0.3	0.1	-0.3	-0.2	0.1	0.0
32	-0.3	0.1	-0.3	-0.2	0.1	0.0
33	-0.3	0.1	-0.3	-0.2	0.1	0.0
34	-0.3	0.1	-0.3	-0.2	0.1	0.0
35	-0.3	0.1	-0.3	-0.2	0.1	0.0
36	-0.3	0.1	-0.3	-0.2	0.1	0.0
37	-0.3	0.1	-0.3	-0.2	0.1	0.0
38	-0.3	0.1	-0.3	-0.2	0.1	0.0
39	-0.3	0.1	-0.3	-0.2	0.1	0.0
40	-0.3	0.1	-0.3	-0.2	0.1	0.0
41	-0.3	0.1	-0.3	-0.2	0.1	0.0
42	-0.3	0.1	-0.3	-0.2	0.1	0.0
43	-0.3	0.1	-0.3	-0.2	0.1	0.0
44	-0.3	0.1	-0.3	-0.2	0.1	0.0
45	-0.3	0.1	-0.3	-0.2	0.1	0.0
46	-0.3	0.1	-0.3	-0.2	0.1	0.0
47	-0.3	0.1	-0.3	-0.2	0.1	0.0
48	-0.3	0.1	-0.3	-0.2	0.1	0.0
49	-0.3	0.1	-0.3	-0.2	0.1	0.0
50	-0.3	0.1	-0.3	-0.2	0.1	0.0
51	-0.3	0.1	-0.3	-0.2	0.1	0.0
52	-0.3	0.1	-0.3	-0.2	0.1	0.0
53	-0.3	0.1	-0.3	-0.2	0.1	0.0
54	-0.3	0.1	-0.3	-0.2	0.1	0.0
55	-0.3	0.1	-0.3	-0.2	0.1	0.0
56	-0.3	0.1	-0.3	-0.2	0.1	0.0
57	-0.3	0.1	-0.3	-0.2	0.1	0.0
58	-0.3	0.1	-0.3	-0.2	0.1	0.0
59	-0.3	0.1	-0.3	-0.2	0.1	0.0
60	-0.3	0.1	-0.3	-0.2	0.1	0.0
61	-0.3	0.1	-0.3	-0.2	0.1	0.0
62	-0.3	0.1	-0.3	-0.2	0.1	0.0
63	-0.3	0.1	-0.3	-0.2	0.1	0.0
64	-0.3	0.1	-0.3	-0.2	0.1	0.0
65	-0.3	0.1	-0.3	-0.2	0.1	0.0
66	-0.3	0.1	-0.3	-0.2	0.1	0.0
67	-0.3	0.1	-0.3	-0.2	0.1	0.0
68	-0.3	0.1	-0.3	-0.2	0.1	0.0
69	-0.3	0.1	-0.3	-0.2	0.1	0.0
70	-0.3	0.1	-0.3	-0.2	0.1	0.0
71	-0.3	0.1	-0.3	-0.2	0.1	0.0
72	-0.3	0.1	-0.3	-0.2	0.1	0.0
73	-0.3	0.1	-0.3	-0.2	0.1	0.0
74	-0.3	0.1	-0.3	-0.2	0.1	0.0
75	-0.3	0.1	-0.3	-0.2	0.1	0.0
76	-0.3	0.1	-0.3	-0.2	0.1	0.0
77	-0.3	0.1	-0.3	-0.2	0.1	0.0
78	-0.3	0.1	-0.3	-0.2	0.1	0.0
79	-0.3	0.1	-0.3	-0.2	0.1	0.0
80	-0.3	0.1	-0.3	-0.2	0.1	0.0
81	-0.3	0.1	-0.3	-0.2	0.1	0.0
82	-0.3	0.1	-0.3	-0.2	0.1	0.0
83	-0.3	0.1	-0.3	-0.2	0.1	0.0
84	-0.3	0.1	-0.3	-0.2	0.1	0.0
85	-0.3	0.1	-0.3	-0.2	0.1	0.0
86	-0.3	0.1	-0.3	-0.2	0.1	0.0
87	-0.3	0.1	-0.3	-0.2	0.1	0.0
88	-0.3	0.1	-0.3	-0.2	0.1	0.0
89	-0.3	0.1	-0.3	-0.2	0.1	0.0
90	-0.3	0.1	-0.3	-0.2	0.1	0.0
91	-0.3	0.1	-0.3	-0.2	0.1	0.0
92	-0.3	0.1	-0.3	-0.2	0.1	0.0
93	-0.3	0.1	-0.3	-0.2	0.1	0.0
94	-0.3	0.1	-0.3	-0.2	0.1	0.0
95	-0.3	0.1	-0.3	-0.2	0.1	0.0
96	-0.3	0.1	-0.3	-0.2	0.1	0.0
97	-0.3	0.1	-0.3	-0.2	0.1	0.0
98	-0.3	0.1	-0.3	-0.2	0.1	0.0
99	-0.3	0.1	-0.3	-0.2	0.1	0.0
100	-0.3	0.1	-0.3	-0.2	0.1	0.0

192000 TEST EQUATING STUDY: FINAL
DATA ANALYSIS

SUBJECT AT GRADE 4

TABLE 10: DIFFERENCES BETWEEN RAT EQUIVALENT SCORES FOR TRIALS 1 AND 2

TRIAL	RAT	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
1	0.5	0.1	0.3	0.5	0.2	0.2	0.2
2	0.6	0.1	0.3	0.5	0.2	0.2	0.2
3	0.6	0.1	0.3	0.5	0.1	0.2	0.2
4	0.6	0.1	0.3	0.5	0.2	0.2	0.2
5	0.6	0.1	0.3	0.5	0.1	0.2	0.2

SUBJECT AT PAGE 4

INFORM TEST DURING STUDY: TOTAL

with analysis

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

PT SCORE	CAI DIFF	CYBS DIFF	ITBS DIFF	STEP II DIFF	ISA DIFF	SAT DIFF
105			0.0			
105			0.0			
104			0.0			
103			-0.1			
102			0.0			
101			-0.1			
100			-0.1			
99			-0.1			
98			-0.1			0.0
97			-0.1			0.0
96			-0.1			0.0
95			-0.1			-0.1
94			-0.1			-0.1
93			0.0			-0.1
92			0.0			-0.1
91			-0.1			-0.1
90			0.0		0.0	-0.2
89			-0.1		0.0	-0.2
88			-0.1		0.0	-0.1
87			-0.1		-0.1	-0.1
86			-0.1		0.0	-0.1
85		0.2	-0.2		0.0	-0.1
84		0.0	-0.1		0.0	-0.1
83		0.0	-0.1		0.0	-0.1
82		0.0	-0.1		0.0	-0.1
81	0.0	0.0	-0.1		0.1	0.0
80	0.0	0.0	-0.2		0.1	0.0
79	0.1	0.0	-0.1		0.1	-0.1
78	0.1	0.1	-0.1		0.1	-0.1
77	0.0	0.0	-0.2		-0.1	-0.1
76	0.1	0.0	-0.2		-0.1	-0.1
75	0.0	0.0	-0.2		-0.1	0.0
74	0.0	-0.1	-0.2		-0.1	-0.1
73	-0.1	-0.1	-0.2		-0.1	-0.1
72	0.0	-0.1	-0.2		-0.1	-0.1
71	0.0	-0.1	-0.2		0.0	0.0
70	0.0	-0.1	-0.2		0.0	-0.1
69	-0.2	0.0	-0.2		0.0	0.0
68	-0.2	0.1	-0.1		0.0	0.0
67	-0.2	0.0	-0.1		0.0	0.0
66	-0.2	0.0	-0.1		0.0	0.0
65	-0.2	0.0	-0.1		0.0	0.0
64	-0.2	0.0	0.0		0.1	0.0
63	-0.2	-0.1	0.0		0.1	0.0
62	-0.2	0.0	-0.1		0.1	0.1
61	-0.2	0.0	-0.1		0.1	0.0
60	-0.2	0.1	-0.1	-0.2	0.1	0.1
59	-0.3	0.2	-0.1	-0.6	0.2	0.1
58	-0.3	0.2	-0.1	-0.3	0.2	0.3
57	-0.3	0.2	-0.1	-0.1	0.2	0.3
56	-0.3	0.2	-0.1	0.0	0.2	0.3

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

R/W SCORE	CAT DIFF	CIPS DIFF	IIPS DIFF	STEPH DIFF	SRA DIFF	SAT DIFF
55	-0.4	0.2	-0.1	0.0	0.2	0.3
54	-0.4	0.2	-0.2	0.0	0.2	0.3
53	-0.4	0.1	-0.2	0.0	0.2	0.4
52	-0.4	0.1	-0.2	0.0	0.2	0.4
51	-0.4	0.1	-0.2	-0.1	0.3	0.2
50	-0.4	0.0	-0.2	-0.1	0.3	0.1
49	-0.4	-0.1	-0.2	-0.2	0.3	0.1
48	-0.4	-0.1	-0.1	-0.2	0.2	0.0
47	-0.4	0.0	-0.1	-0.3	0.2	-0.1
46	-0.3	-0.1	-0.1	-0.2	0.2	-0.1
45	-0.4	0.0	-0.1	-0.3	0.2	-0.1
44	-0.4	0.1	0.0	-0.3	0.2	0.0
43	-0.5	0.1	0.0	-0.3	0.2	0.3
42	-0.5	0.1	-0.1	-0.3	0.2	0.0
41	-0.6	0.1	0.0	-0.3	0.3	0.1
40	-0.5	0.0	0.0	-0.4	0.4	0.0
39	-0.5	0.0	0.0	-0.4	0.4	0.0
38	-0.5	-0.1	-0.1	-0.4	0.5	-0.1
37	-0.5	-0.2	-0.2	-0.4	0.5	-0.1
36	-0.4	-0.2	-0.2	-0.3	0.4	-0.1
35	-0.4	-0.3	-0.2	-0.4	0.4	-0.2
34	-0.5	-0.3	-0.3	-0.5	0.3	-0.2
33	-0.6	-0.4	-0.3	-0.5	0.2	-0.3
32	-0.6	-0.4	-0.3	-0.4	0.3	-0.4
31	-0.7	-0.3	-0.3	-0.5	0.3	-0.3
30	-0.8	-0.3	-0.3	-0.5	0.3	-0.3
29	-0.8	-0.3	-0.3	-0.4	0.4	-0.2
28	-0.7	-0.3	-0.4	-0.4	0.3	-0.1
27	-0.7	-0.4	-0.4	-0.4	0.3	0.1
26	-0.7	-0.4	-0.4	-0.4	0.4	0.0
25	-0.7	-0.4	-0.3	-0.4	0.3	-0.1
24	-0.8	-0.4	-0.4	-0.6	0.1	-0.2
23	-0.8	-0.5	-0.3	-0.9	0.0	-0.2
22	-0.7	-0.2	-0.3	-1.0	0.0	-0.1
21	-0.6	-0.2	-0.4	-0.7	0.0	-0.1
20	-0.5	-0.1	-0.2	-0.5	0.0	0.0
19	-0.5	-0.2	-0.2	-0.3	0.0	-0.1
18	-0.5	-0.1	-0.2	-0.3	0.0	0.0
17	-0.5	-0.1	-0.3	-0.1	-0.2	0.0
16	-0.4	-0.1	-0.3	-0.1	-0.2	0.0
15	-0.3	-0.1	-0.3	0.0	-0.2	-0.1
14	-0.2	-0.3	-0.4	0.2	-0.3	-0.1
13	-0.4	-0.3	-0.4	0.1	-0.3	-0.1
12	-0.4	-0.2	-0.3	0.2	-0.4	0.0
11	-0.3	-0.2	-0.3	0.4	-0.4	-0.1
10	-0.2	-0.2	-0.2	0.3	-0.3	-0.0
9	-0.2	-0.1	-0.2	0.1	-0.2	0.0
8	-0.2	-0.1	-0.1	0.2	-0.2	0.0
7	-0.1	-0.1	-0.1	0.4	-0.2	0.0
6	-0.1	-0.1	-0.1	0.5	-0.2	0.0
5	-0.1	0.0	-0.1	0.5	-0.2	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	ITPS DIFF	STEP1 DIFF	SP1 DIFF	SAT DIFF
4	-0.1	0.0	0.0	0.7	-0.1	-0.1
3	0.0	0.0	0.0	0.8	-0.1	0.0
2	0.0	0.0	0.0	1.0	-0.1	0.0
1	0.1	0.0	0.0	1.1	-0.1	0.0
0	0.1	0.0	0.1	1.3	-0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 TOTAL MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	IRPS DIFF	STEPIL DIFF	S/A DIFF	SAT DIFF
126			C-0			
125			C-0			
124			C-0			
123			C-1			
122			C-0			
121			C-1			
120			C-1			
119			C-1			
118			C-1			0-0
117			C-1			0-0
116			C-0			0-0
115			C-0			0-1
114			C-0			0-1
113			-C-1			0-1
112			C-0			0-1
111			C-0			0-1
110			C-0			0-1
109			C-0			0-2
108			C-0		0-0	0-1
107			C-0		0-1	0-1
106			C-0		0-1	0-1
105			-0-1		0-0	0-0
104			C-0		0-1	0-0
103		0-0	C-0		0-1	0-0
102		0-0	C-0		0-1	0-0
101		0-0	C-0		0-0	0-0
100		0-0	C-0		0-0	0-0
99		0-0	C-0		0-0	0-0
98		0-0	C-0		0-0	0-0
97		0-0	C-0		0-0	0-0
96		0-0	C-0		0-0	0-0
95		0-0	C-0		0-0	0-0
94		0-0	C-0		0-0	0-0
93		0-0	C-0		0-0	0-0
92		0-0	C-0		0-0	0-0
91		0-0	C-0		0-0	0-0
90		0-0	C-0		0-0	0-0
89		0-0	C-0		0-0	0-0
88		0-0	C-0		0-0	0-0
87		0-0	C-0		0-0	0-0
86		0-0	C-0		0-0	0-0
85		0-0	C-0		0-0	0-0
84		0-0	C-0		0-0	0-0
83		0-0	C-0		0-0	0-0
82		0-0	C-0		0-0	0-0
81	0-0	0-0	-C-1		0-0	0-0
80	0-1	0-1	C-0		0-0	0-0
79	0-1	0-1	C-0		0-0	0-0
78	0-1	0-0	C-0		0-1	0-0
77	0-1	0-0	C-0		0-0	0-0
76	0-0	0-0	C-0		0-0	0-0
75	0-0	0-0	C-0		0-0	0-0
74	-0-1	0-0	C-0		0-0	-0-1
73	0-0	0-0	C-0		0-0	0-0
72	-0-1	0-0	C-0		0-0	-0-1
71	0-0	0-0	C-0		0-0	0-0
70	0-0	0-0	C-0		0-0	0-0
69	0-0	0-0	C-0		0-0	0-0
68	0-0	0-0	C-0		0-0	0-0
67	0-0	0-0	C-0		0-0	0-0
66	0-0	0-0	C-0		0-0	0-0
65	0-0	0-0	C-0		0-0	0-0
64	0-0	0-0	C-0		0-0	0-0
63	0-0	0-0	C-0		0-0	0-0
62	0-0	0-0	C-0		0-0	0-0
61	0-0	0-0	C-0		0-0	0-0
60	0-0	0-0	C-0	0-0	0-0	0-0
59	0-0	0-0	C-0	0-0	0-0	0-0
58	0-0	0-0	C-0	0-0	0-0	0-0
57	0-0	0-0	C-0	0-1	0-0	0-0
56	0-0	0-0	C-0	0-1	0-0	0-0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

PAR SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STEP II DIFF	SEA DIFF	SAT DIFF
55	0.0	0.0	0.0	0.1	-0.1	0.0
54	0.0	0.0	0.1	0.0	-0.1	0.0
53	0.1	0.0	0.1	0.0	-0.1	-0.1
52	0.1	0.0	0.1	0.0	-0.1	0.0
51	0.1	0.0	0.1	0.0	-0.1	-0.1
50	0.0	0.1	0.1	0.0	-0.1	0.0
49	0.0	0.2	0.1	0.0	-0.1	0.0
48	0.0	0.2	0.0	0.0	-0.1	0.1
47	0.0	0.2	0.0	0.0	-0.1	0.2
46	0.0	0.2	0.0	0.0	-0.1	0.3
45	0.0	0.2	0.0	0.0	-0.1	0.3
44	0.0	0.2	-0.1	0.0	0.0	0.2
43	0.0	0.2	0.0	0.0	0.0	0.2
42	0.1	0.2	0.0	0.0	-0.1	0.1
41	0.1	0.1	-0.1	0.0	-0.1	0.1
40	0.1	0.1	-0.1	0.0	-0.1	0.1
39	0.1	0.1	-0.1	0.0	-0.1	0.1
38	0.1	0.0	-0.2	0.0	-0.1	0.1
37	0.1	0.1	-0.2	0.0	-0.1	0.0
36	0.1	0.0	-0.3	0.0	-0.1	-0.1
35	0.1	0.0	-0.3	0.1	-0.2	-0.1
34	0.0	0.0	-0.2	0.2	-0.2	-0.1
33	0.0	0.0	-0.3	0.2	-0.2	0.0
32	0.0	0.0	-0.2	0.1	-0.4	0.0
31	0.0	0.1	-0.2	0.1	-0.4	0.0
30	0.0	0.1	-0.2	0.0	-0.3	0.2
29	0.0	0.0	-0.1	-0.1	-0.5	0.2
28	0.0	0.1	0.0	0.0	-0.4	0.1
27	-0.1	0.1	0.0	0.1	-0.3	-0.1
26	-0.1	0.0	0.1	0.1	-0.2	-0.1
25	0.0	0.0	0.1	0.1	-0.2	0.1
24	0.0	-0.1	0.2	0.0	-0.1	0.1
23	0.1	-0.1	0.2	0.0	-0.1	0.1
22	0.0	0.0	0.1	0.0	-0.1	0.1
21	0.1	0.1	0.2	0.0	-0.1	0.1
20	0.2	0.1	0.2	0.1	-0.1	0.1
19	0.2	0.1	0.2	-0.1	-0.1	0.0
18	0.2	0.1	0.1	-0.1	-0.1	0.0
17	0.0	0.1	0.0	-0.1	-0.1	0.1
16	0.1	0.1	0.0	-0.1	-0.1	0.1
15	0.1	0.1	0.0	0.0	0.1	0.1
14	0.0	0.1	-0.1	-0.1	0.1	0.1
13	0.0	0.1	-0.2	-0.1	0.1	0.0
12	0.0	-0.2	-0.4	-0.1	-0.1	0.1
11	0.0	-0.4	-0.6	-0.1	-0.2	0.1
10	0.0	-0.6	-0.8	0.1	-0.3	-0.2
9	0.0	-0.7	-0.9	0.2	-0.6	-0.3
8	-0.1	-0.9	-1.0	0.0	-0.9	-0.6
7	-0.1	-1.1	-1.3	0.0	-0.9	-0.7
6	-0.1	-1.3	-1.4	0.0	-1.0	-1.0
5	-0.1	-1.4	-1.5	-1.4	-1.1	-1.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	GIPS DIFF	IPPS DIFF	STEDIL DIFF	SOA DIFF	SAT DIFF
4	-1.7	-1.6	-1.8	-1.9	-1.3	-1.3
3	-1.7	-1.8	-2.0	-2.3	-1.4	-1.5
2	-2.1	-2.0	-2.0	-2.8	-1.6	-1.7
1	-2.1	-2.0	-2.2	-3.3	-1.7	-1.7
C	-2.5	-2.2	-2.4	-3.8	-1.9	-2.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STPII DIFF	SRA DIFF	SAT DIFF
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	-0.1	0.1	0.0	0.0
53	0.0	0.0	-0.1	0.0	0.0	0.0
52	0.0	0.0	-0.1	0.0	0.0	0.0
51	0.0	0.0	-0.1	0.0	0.0	0.0
50	0.1	0.0	-0.1	0.0	0.0	0.0
49	0.1	0.0	-0.1	0.0	0.0	0.0
48	0.0	-0.1	-0.1	0.0	0.0	0.0
47	0.1	-0.1	-0.1	0.0	0.1	-0.1
46	0.0	-0.1	0.0	-0.1	0.1	-0.2
45	0.0	0.0	0.0	0.0	0.0	-0.2
44	0.0	0.0	0.1	-0.1	0.0	-0.2
43	0.0	0.0	0.1	-0.1	-0.1	-0.2
42	-0.1	-0.1	0.0	0.0	-0.1	-0.1
41	-0.1	-0.1	0.1	0.0	-0.1	-0.1
40	-0.1	0.0	0.1	0.0	-0.1	0.0
39	-0.1	-0.1	0.0	0.0	0.0	-0.1
38	0.0	-0.1	0.0	0.0	0.0	-0.1
37	0.0	-0.1	0.0	0.0	0.0	-0.1
36	-0.1	0.0	0.1	0.0	-0.1	-0.1
35	-0.1	-0.1	0.0	-0.1	-0.1	-0.1
34	0.0	-0.1	0.0	-0.2	-0.1	-0.1
33	0.1	0.1	0.1	-0.2	-0.1	-0.1
32	0.0	0.1	0.2	-0.1	-0.1	0.0
31	0.1	0.0	0.3	-0.1	0.0	0.0
30	0.1	0.0	0.2	-0.1	0.1	-0.1
29	0.0	0.0	0.1	-0.1	0.2	-0.2
28	0.1	-0.1	0.0	0.0	0.2	-0.1
27	0.1	-0.1	0.0	0.0	0.1	-0.1
26	0.1	0.0	-0.1	-0.1	0.1	-0.1
25	0.1	0.0	-0.1	-0.1	0.1	-0.1
24	0.1	0.1	-0.1	-0.1	0.1	-0.1
23	0.1	0.1	0.0	0.0	0.0	-0.1
22	0.1	0.0	0.0	0.0	-0.1	-0.1
21	0.0	0.1	0.0	0.1	-0.1	-0.1
20	-0.1	0.0	0.0	0.1	-0.1	-0.1
19	-0.2	0.1	-0.1	0.1	0.0	0.0
18	-0.1	0.0	-0.1	0.1	0.1	0.0
17	0.0	-0.1	0.0	0.1	0.0	0.0
16	-0.1	-0.1	-0.1	0.1	0.0	0.0
15	-0.1	-0.1	-0.1	0.0	-0.1	0.0
14	0.0	-0.1	-0.1	0.0	0.0	0.0
13	0.1	-0.1	0.0	0.0	0.1	0.0
12	0.1	0.1	0.2	0.0	0.3	0.0
11	0.3	0.3	0.4	0.0	0.3	0.0
10	0.5	0.5	0.6	-0.1	0.4	0.2
9	0.7	0.6	0.8	0.0	0.6	0.4
8	0.7	0.8	0.9	0.0	0.7	0.6
7	1.1	1.0	1.2	0.3	0.9	0.7
6	1.3	1.2	1.4	0.6	1.0	1.0
5	1.5	1.3	1.6	1.0	1.1	1.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEEDING 1 GRADE 4 TOTAL
MAIN ANALYSIS

REF SCORE	CAT DIFF	CIS DIFF	IRS DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
4	1.7	1.5	1.8	1.2	1.5	1.4
3	1.9	1.7	2.0	1.5	1.5	1.5
2	2.1	1.9	2.0	1.8	1.6	1.7
1	2.3	2.1	2.2	2.2	1.7	1.9
0	2.5	2.3	2.4	2.5	1.9	2.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

RA4 SCORE	CAT DIFF	CIBS DIFF	IIPS DIFF	STIEPII DIFF	SRA DIFF	SAT DIFF
105			C.C			
105			C.C			
104			C.1			
103			C.1			
102			C.0			
101			C.1			
100			C.2			
99			C.1			0.0
98			C.1			0.0
97			C.1			0.0
96			C.1			0.0
95			C.C			0.1
94			C.0			0.0
93			C.1			0.0
92			C.1			0.1
91			C.1			0.1
90			C.1		0.0	0.0
89			C.0		C.C	0.0
88			C.0		0.1	-0.1
87			C.0		0.1	-0.1
86			-C.1		C.1	-0.1
85			C.0		C.2	-0.1
84		C.C	C.0		C.1	C.C
83		C.C	C.0		C.1	C.C
82	0.0	C.C	-C.1		C.0	0.1
81	C.1	C.1	C.0		C.1	0.1
80	0.1	C.1	C.0		0.1	0.0
79	0.1	C.C	-C.1		C.1	0.0
78	0.1	C.C	C.0		C.0	0.0
77	0.1	C.C	-C.1		0.0	0.0
76	C.0	C.1	-C.1		0.0	0.0
75	C.0	C.C	-C.1		0.0	0.0
74	C.C	C.C	-C.1		0.0	0.0
73	C.0	C.C	-C.1		C.0	0.0
72	0.1	C.C	-C.1		C.0	0.0
71	C.1	C.C	C.C		0.0	0.0
70	C.0	C.C	C.C		0.0	0.0
69	C.C	C.C	-C.1		C.C	0.0
68	0.0	C.C	C.0		C.1	0.0
67	0.0	C.C	C.C		C.0	0.0
66	0.0	C.C	C.C		C.C	0.0
65	0.0	C.C	C.C		C.C	0.0
64	0.0	C.C	C.C		C.C	0.0
63	0.0	C.C	C.C		C.C	0.0
62	0.0	C.C	C.C		C.C	0.0
61	0.0	C.C	C.C		C.C	0.0
60	0.0	C.C	C.C	0.0	0.0	0.0
59	0.0	C.C	C.C	0.0	C.C	0.0
58	0.0	C.C	C.C	0.0	C.C	0.0
57	0.0	C.C	C.C	0.0	C.C	0.0
56	0.0	C.C	C.C	0.0	C.C	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	ITFS DIFF	STEP II DIFF	SP3 DIFF	SAT DIFF
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.1	-0.1	0.0	0.0
53	0.0	0.0	0.1	0.0	0.0	0.0
52	0.0	0.0	0.1	0.0	0.0	0.0
51	0.0	0.0	0.1	0.0	0.0	0.0
50	-0.1	0.1	0.1	0.0	0.0	0.0
49	-0.1	0.1	0.1	0.0	0.0	0.0
48	-0.1	0.1	0.1	0.0	0.0	0.0
47	-0.1	0.1	0.1	0.0	0.0	0.0
46	-0.1	0.1	0.1	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 4 TOTAL

ANALYSIS

SCORE	CAT DIFF	CIPS DIFF	IPES DIFF	STEP11 DIFF	SPJ DIFF	SAT DIFF
4	0.0	0.1	0.0	0.1	0.0	0.0
3	0.0	0.1	0.0	0.0	0.0	0.0
2	0.0	0.1	0.0	0.0	0.0	0.1
1	0.0	-0.1	0.0	0.0	0.0	0.0
0	0.0	-0.1	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEEDINGS 2 GRADE 4 TOTAL DATA ANALYSIS

LOC	CAT DIFF	CIDS DIFF	IIDS DIFF	STEDII DIFF	SEA DIFF	SAT DIFF
13			0.0			
14			0.0			
15			0.0			
16			0.1			
17			0.1			
18			0.3			
19			0.3			
20			0.4			
21			0.5			0.1
22			0.5			0.1
23			0.5			0.2
24			0.6			0.2
25			0.2			0.2
26			0.2			0.2
27			0.2			0.4
28			0.1		0.1	0.4
29			0.1		0.1	0.4
30			0.1		0.1	0.4
31			0.0		0.2	0.3
32			0.0		0.2	0.2
33			0.0		0.2	0.2
34			0.1		0.1	0.4
35			0.1		0.1	0.4
36			0.1		0.1	0.4
37			0.1		0.1	0.4
38			0.1		0.1	0.4
39			0.1		0.1	0.4
40			0.1		0.1	0.4
41			0.1		0.1	0.4
42			0.1		0.1	0.4
43			0.1		0.1	0.4
44			0.1		0.1	0.4
45			0.1		0.1	0.4
46			0.1		0.1	0.4
47			0.1		0.1	0.4
48			0.1		0.1	0.4
49			0.1		0.1	0.4
50			0.1		0.1	0.4
51			0.1		0.1	0.4
52			0.1		0.1	0.4
53			0.1		0.1	0.4
54			0.1		0.1	0.4
55			0.1		0.1	0.4
56			0.1		0.1	0.4
57			0.1		0.1	0.4
58			0.1		0.1	0.4
59			0.1		0.1	0.4
60			0.1		0.1	0.4
61			0.1		0.1	0.4
62			0.1		0.1	0.4
63			0.1		0.1	0.4
64			0.1		0.1	0.4
65			0.1		0.1	0.4
66			0.1		0.1	0.4
67			0.1		0.1	0.4
68			0.1		0.1	0.4
69			0.1		0.1	0.4
70			0.1		0.1	0.4
71			0.1		0.1	0.4
72			0.1		0.1	0.4
73			0.1		0.1	0.4
74			0.1		0.1	0.4
75			0.1		0.1	0.4
76			0.1		0.1	0.4
77			0.1		0.1	0.4
78			0.1		0.1	0.4
79			0.1		0.1	0.4
80			0.1		0.1	0.4
81			0.1		0.1	0.4
82			0.1		0.1	0.4
83			0.1		0.1	0.4
84			0.1		0.1	0.4
85			0.1		0.1	0.4
86			0.1		0.1	0.4
87			0.1		0.1	0.4
88			0.1		0.1	0.4
89			0.1		0.1	0.4
90			0.1		0.1	0.4
91			0.1		0.1	0.4
92			0.1		0.1	0.4
93			0.1		0.1	0.4
94			0.1		0.1	0.4
95			0.1		0.1	0.4
96			0.1		0.1	0.4
97			0.1		0.1	0.4
98			0.1		0.1	0.4
99			0.1		0.1	0.4
100			0.1		0.1	0.4

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

ST SCORE	CAT DIFF	CIES DIFF	ITPS DIFF	STEPH DIFF	SPA DIFF	SAT DIFF
55	-0.1	0.1	-0.5	0.1	0.1	-0.2
54	-0.2	0.0	-0.5	0.1	0.0	-0.1
53	-0.3	0.0	-0.5	0.1	0.0	-0.2
52	-0.3	0.0	-0.5	0.1	0.0	-0.2
51	-0.4	0.1	-0.5	0.1	0.0	-0.2
50	-0.4	0.0	-0.5	0.1	0.0	-0.2
49	-0.4	0.0	-0.5	0.0	0.0	-0.2
48	-0.4	0.0	-0.5	0.0	-0.1	-0.2
47	-0.4	0.2	-0.5	-0.1	-0.1	-0.2
46	-0.4	0.1	-0.5	0.0	0.0	-0.1
45	-0.4	0.2	-0.5	0.0	-0.1	-0.1
44	-0.5	0.2	-0.5	0.1	0.0	-0.2
43	-0.7	0.2	-0.4	0.0	0.0	-0.1
42	-0.7	0.2	-0.4	0.0	0.0	-0.1
41	-0.8	0.2	-0.3	0.0	0.2	0.0
40	-0.8	0.2	-0.3	-0.1	0.1	0.1
39	-0.6	0.1	-0.3	-0.2	0.2	0.1
38	-0.4	0.0	-0.2	-0.3	0.2	0.1
37	-0.5	0.2	-0.3	-0.2	0.3	0.1
36	-0.5	0.2	-0.3	-0.3	0.3	0.1
35	-0.5	0.2	-0.3	-0.3	0.3	0.2
34	-0.5	0.1	-0.4	-0.3	0.3	0.1
33	-0.4	0.0	-0.3	-0.4	0.3	0.1
32	-0.4	0.0	-0.4	-0.3	0.3	0.0
31	-0.7	0.0	-0.3	-0.3	0.3	0.0
30	-0.9	-0.1	-0.2	-0.3	0.2	0.0
29	-0.9	0.0	0.0	-0.2	0.1	0.0
28	-0.8	0.1	0.1	-0.3	0.0	0.1
27	-0.7	0.3	0.1	-0.3	0.1	0.1
26	-0.7	0.2	0.0	-0.4	0.1	0.1
25	-0.6	0.0	-0.1	-0.3	0.1	0.0
24	-0.6	0.0	-0.1	-0.3	0.1	0.0
23	-0.6	0.0	-0.1	-0.3	0.0	-0.1
22	-0.4	-0.1	-0.3	-0.4	0.0	-0.1
21	-0.4	-0.1	-0.3	-0.4	0.0	-0.1
20	-0.5	-0.1	-0.3	-0.4	-0.1	-0.2
19	-0.5	-0.1	-0.2	-0.5	-0.1	-0.4
18	-0.4	-0.4	-0.2	-0.7	-0.1	-0.4
17	-0.3	-0.4	-0.4	-0.6	-0.2	-0.4
16	-0.3	-0.3	-0.5	-0.4	-0.3	-0.4
15	-0.2	-0.2	-0.6	-0.5	0.0	-0.4
14	-0.2	-0.2	-0.8	-0.5	0.0	-0.4
13	-0.4	-0.4	-0.8	-0.6	-0.1	-0.5
12	-0.6	-0.5	-0.9	-0.5	-0.3	-0.6
11	-0.7	-0.6	-0.9	-0.5	-0.4	-0.7
10	-0.7	-0.6	-0.9	-0.6	-0.4	-0.7
9	-0.8	-0.7	-0.9	-1.0	-0.5	-0.8
8	-0.8	-0.7	-0.9	-1.2	-0.6	-0.8
7	-0.9	-0.7	-0.9	-1.2	-0.7	-0.9
6	-1.0	-0.9	-1.0	-1.1	-0.8	-0.9

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROGRAMS A, GRADE 4 TOTAL MAIN ANALYSIS

RAW SCORE	CAT DIFF	CBS DIFF	LIBS DIFF	STEPH DIFF	SFA DIFF	SAT DIFF
4	-1.0	-0.9	-1.0	-1.1	-0.9	-0.9
3	-1.1	-0.9	-1.0	-1.1	-1.0	-0.9
2	-1.1	-1.0	-1.0	-0.9	-1.0	-0.9
1	-0.9	-1.0	-1.0	-0.9	-1.1	-1.0
0	0.0	-1.0	-1.0	-0.9	-1.2	-1.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 TOTAL
RAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	IIIS DIFF	SIGPII DIFF	SPH DIFF	SAT DIFF
129			0.0			
128			0.0			
127			0.0			
126			0.0			
125			0.0			
124			0.0			
123			0.0			
122			0.0			
121			0.0			
120			0.0			
119			0.0			
118			0.0			
117			0.0			
116			0.0			
115			0.0			
114			0.0			
113			0.0			
112			0.0			
111			0.0			
110			0.0			
109			0.0			
108			0.0			
107			0.0			
106			0.0			
105			0.0			
104			0.0			
103			0.0			
102			0.0			
101			0.0			
100			0.0			
99			0.0			
98			0.0			
97			0.0			
96			0.0			
95			0.0			
94			0.0			
93			0.0			
92			0.0			
91			0.0			
90			0.0			
89			0.0			
88			0.0			
87			0.0			
86			0.0			
85			0.0			
84			0.0			
83			0.0			
82			0.0			
81			0.0			
80			0.0			
79			0.0			
78			0.0			
77			0.0			
76			0.0			
75			0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.0			
59			0.0			
58			0.0			
57			0.0			
56			0.0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITPS DIFF	STEP1 DIFF	SPA DIFF	SAT DIFF
55	0.0	-0.1	0.1	0.0	0.0	-0.1
54	-0.1	-0.1	0.2	0.0	0.0	-0.1
53	-0.1	-0.1	0.2	0.0	0.0	-0.1
52	-0.1	0.0	0.2	0.0	-0.1	-0.1
51	0.0	-0.1	0.2	0.0	-0.1	-0.1
50	0.0	0.0	0.1	0.0	0.0	-0.1
49	0.0	0.0	0.1	0.0	0.0	-0.1
48	0.0	0.0	0.1	0.0	0.0	0.0
47	0.0	0.0	0.1	0.0	0.0	0.0
46	0.0	0.0	0.1	0.0	0.0	0.0
45	0.0	0.0	0.1	-0.1	0.1	-0.1
44	0.0	0.0	0.1	-0.2	0.0	-0.1
43	0.0	0.0	0.1	-0.1	0.0	-0.1
42	0.0	0.0	0.1	0.0	-0.1	0.0
41	0.0	0.0	0.1	-0.1	-0.1	-0.1
40	0.0	0.0	0.1	-0.1	-0.2	-0.1
39	-0.1	0.0	0.1	0.0	-0.1	-0.1
38	-0.1	-0.1	0.1	0.0	-0.1	-0.1
37	-0.1	-0.1	0.1	0.0	-0.1	-0.1
36	-0.2	-0.2	0.1	0.0	-0.2	-0.1
35	0.0	-0.1	0.1	0.0	-0.2	-0.1
34	0.0	0.0	0.1	0.0	-0.2	0.0
33	-0.2	0.0	0.2	0.1	-0.2	0.0
32	-0.2	0.0	0.2	0.1	-0.2	0.0
31	-0.2	0.0	0.2	-0.2	0.0	0.0
30	-0.1	-0.1	0.0	-0.1	0.0	-0.1
29	-0.1	-0.2	0.2	0.0	-0.1	-0.1
28	-0.1	-0.2	0.1	0.1	-0.1	0.0
27	-0.1	-0.2	0.2	0.1	-0.1	0.0
26	-0.1	-0.2	0.2	0.1	-0.1	0.0
25	-0.1	-0.2	0.2	0.2	-0.1	0.0
24	0.0	-0.1	0.3	0.2	0.0	-0.1
23	0.0	-0.1	0.1	0.2	0.0	-0.1
22	0.0	-0.2	0.1	0.2	0.0	-0.1
21	0.0	-0.2	0.1	0.2	0.0	-0.1
20	0.0	-0.2	0.1	0.2	0.0	-0.1
19	0.0	-0.2	0.0	0.2	-0.1	0.0
18	0.0	-0.2	0.0	0.2	-0.1	0.0
17	0.0	-0.2	0.0	0.2	-0.1	0.0
16	-0.1	-0.3	0.0	0.0	-0.1	-0.1
15	-0.1	-0.4	0.0	0.1	-0.2	-0.3
14	-0.1	-0.5	0.0	0.2	-0.2	-0.4
13	-0.2	-0.4	-0.1	0.2	-0.2	-0.5
12	-0.3	-0.4	0.0	0.1	-0.2	-0.6
11	-0.3	-0.3	0.0	0.1	-0.2	-0.7
10	-0.2	-0.3	0.0	0.1	-0.1	-0.5
9	-0.1	-0.2	0.0	0.1	-0.1	-0.5
8	-0.1	-0.2	0.0	0.0	-0.1	-0.5
7	-0.1	-0.2	0.0	0.0	-0.1	-0.5
6	-0.1	-0.1	0.0	0.0	-0.1	-0.5

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 4 TOTAL
 MAIN ANALYSIS

SCORE	CAT DIFF	CT25 DIFF	DIFF 1	DIFF 2	STEP 1 DIFF	SPA DIFF	SAT DIFF
4	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2
3	0.1	-0.1	0.0	0.0	0.0	0.0	-0.2
2	0.1	0.0	0.0	0.0	0.0	0.0	-0.1
1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	IPS DIFF	STEP 1 DIFF	SP1 DIFF	SAT DIFF
105		0.0			
106		0.0			
107		0.0			
108		0.0			
109		0.0			
110		0.0			
111		0.0			
112		0.0			
113		0.0			
114		0.0			
115		0.0			
116		0.0			
117		0.0			
118		0.0			
119		0.0			
120		0.0			
121		0.0			
122		0.0			
123		0.0			
124		0.0			
125		0.0			
126		0.0			
127		0.0			
128		0.0			
129		0.0			
130		0.0			
131		0.0			
132		0.0			
133		0.0			
134		0.0			
135		0.0			
136		0.0			
137		0.0			
138		0.0			
139		0.0			
140		0.0			
141		0.0			
142		0.0			
143		0.0			
144		0.0			
145		0.0			
146		0.0			
147		0.0			
148		0.0			
149		0.0			
150		0.0			
151		0.0			
152		0.0			
153		0.0			
154		0.0			
155		0.0			
156		0.0			
157		0.0			
158		0.0			
159		0.0			
160		0.0			
161		0.0			
162		0.0			
163		0.0			
164		0.0			
165		0.0			
166		0.0			
167		0.0			
168		0.0			
169		0.0			
170		0.0			
171		0.0			
172		0.0			
173		0.0			
174		0.0			
175		0.0			
176		0.0			
177		0.0			
178		0.0			
179		0.0			
180		0.0			
181		0.0			
182		0.0			
183		0.0			
184		0.0			
185		0.0			
186		0.0			
187		0.0			
188		0.0			
189		0.0			
190		0.0			
191		0.0			
192		0.0			
193		0.0			
194		0.0			
195		0.0			
196		0.0			
197		0.0			
198		0.0			
199		0.0			
200		0.0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RT SCORE	CAT DIFF	CIRS DIFF	ITPS DIFF	STREPII DIFF	SFA DIFF	SAT DIFF
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	-0.2	0.0	0.0	0.0
53	0.0	0.0	-0.2	0.0	-0.1	0.0
52	0.0	-0.1	-0.2	0.0	0.0	0.0
51	0.0	0.0	-0.2	0.0	-0.1	0.0
50	0.0	-0.1	-0.1	0.0	-0.1	0.0
49	0.0	-0.1	-0.1	0.0	-0.1	0.0
48	0.0	0.0	-0.1	0.0	-0.1	-0.1
47	0.0	0.0	-0.1	0.0	-0.1	-0.1
46	0.0	0.0	-0.1	0.0	-0.1	0.0
45	0.0	0.0	-0.1	0.1	-0.1	0.1
44	0.0	0.0	-0.1	0.1	0.0	0.1
43	-0.1	0.0	-0.1	0.1	0.0	0.1
42	0.0	0.0	-0.1	0.0	0.1	0.0
41	0.0	0.0	-0.1	0.0	0.2	0.0
40	0.0	0.0	-0.1	0.0	0.1	0.1
39	0.0	0.0	-0.1	0.1	0.2	0.1
38	0.1	0.0	-0.1	0.1	0.1	0.1
37	0.1	0.0	-0.1	0.2	0.1	0.1
36	0.2	0.0	-0.1	0.0	0.1	0.1
35	0.0	0.1	-0.1	0.0	0.2	0.1
34	0.0	0.0	0.0	0.0	0.2	0.1
33	0.1	0.0	0.0	-0.1	0.2	0.0
32	0.0	0.0	0.0	-0.1	0.2	0.0
31	0.1	0.0	0.0	0.1	0.1	0.0
30	0.0	0.0	0.0	0.2	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	-0.1	0.0	0.0	0.0	0.0	0.0
27	-0.2	0.1	0.0	0.0	0.0	0.0
26	-0.1	0.2	0.0	0.0	0.1	0.0
25	0.0	0.2	0.0	0.0	0.2	0.0
24	0.0	0.0	0.0	0.1	0.2	0.0
23	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	-0.1	0.1	0.0	0.0
21	0.0	0.0	0.0	0.0	-0.1	0.0
20	0.0	0.0	0.0	0.0	-0.2	-0.1
19	0.0	0.1	0.0	0.0	0.0	-0.1
18	0.0	0.2	-0.1	0.0	0.0	-0.1
17	0.1	0.3	0.0	0.0	0.0	0.0
16	0.1	0.2	0.1	0.0	0.0	0.0
15	0.2	0.2	0.1	0.0	0.1	0.0
14	0.2	0.2	0.1	0.0	0.1	0.0
13	0.2	0.2	0.2	0.0	0.1	0.1
12	0.2	0.2	0.2	0.0	0.2	0.2
11	0.2	0.1	0.2	0.1	0.2	0.2
10	0.2	0.1	0.1	0.2	0.2	0.1
9	0.2	0.1	0.1	0.2	0.1	0.1
8	0.2	0.1	0.1	0.1	0.1	0.1
7	0.2	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCE TILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEP1 DIFF	SP DIFF	SAT DIFF
4	0.0	0.0	0.1	0.1	0.0	0.1
3	-0.1	0.0	0.0	0.1	0.0	0.1
2	-0.2	0.0	0.0	-0.1	0.0	0.0
1	0.0	0.0	0.0	-0.1	0.0	0.0
0	0.0	0.0	0.0	-0.1	-0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	IIPS DIFF	STEP II DIFF	STEP III DIFF	SAT DIFF
106			0.0			
105			0.0			
104			0.0			
103			0.0			
102			0.0			
101			0.0			
100			0.0			
99			0.0			
98			0.0			
97			0.0			0.0
96			0.0			0.0
95			0.0			0.0
94			0.0			0.0
93			0.0			0.0
92			0.0			0.0
91			0.0			0.0
90			0.0			0.0
89			0.0			0.0
88			0.0			0.0
87			0.0			0.0
86			0.0			0.0
85			0.0			0.0
84			0.0			0.0
83			0.0			0.0
82			0.0			0.0
81			0.0			0.0
80			0.0			0.0
79			0.0			0.0
78			0.0			0.0
77			0.0			0.0
76			0.0			0.0
75			0.0			0.0
74			0.0			0.0
73			0.0			0.0
72			0.0			0.0
71			0.0			0.0
70			0.0			0.0
69			0.0			0.0
68			0.0			0.0
67			0.0			0.0
66			0.0			0.0
65			0.0			0.0
64			0.0			0.0
63			0.0			0.0
62			0.0			0.0
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	IIRS DIFF	STRIII DIFF	SP1 DIFF	SAT DIFF
55	0.0	0.1	0.0	0.0	0.0	0.0
54	0.1	0.1	0.1	0.0	0.0	0.0
53	0.1	0.1	0.1	0.0	0.0	0.0
52	0.1	0.1	0.1	0.0	0.0	0.0
51	0.0	0.1	0.1	0.0	0.0	0.0
50	0.0	0.1	0.1	0.0	0.0	0.0
49	0.0	0.1	0.1	0.0	0.0	0.0
48	0.0	0.0	0.1	0.0	0.0	0.0
47	0.0	0.0	0.1	0.0	0.0	0.0
46	0.0	0.0	0.1	0.0	0.0	-0.1
45	0.0	0.0	0.1	0.0	-0.1	-0.1
44	0.0	0.0	0.1	0.1	-0.2	-0.1
43	0.0	0.0	0.0	0.0	-0.2	-0.1
42	0.0	0.0	0.1	0.0	-0.2	0.0
41	0.0	0.0	0.0	0.1	-0.2	0.0
40	0.0	0.0	0.0	0.1	-0.1	0.0
39	0.0	0.0	0.1	0.0	-0.2	0.0
38	0.0	0.0	0.1	0.0	-0.1	0.0
37	0.0	0.0	0.1	0.0	-0.1	0.0
36	0.0	0.0	0.1	0.0	-0.1	0.0
35	0.0	-0.1	0.1	0.0	-0.2	-0.1
34	0.0	0.0	0.0	0.0	-0.2	-0.1
33	-0.1	0.0	0.0	0.0	-0.2	0.0
32	-0.1	0.0	0.0	0.0	-0.2	0.0
31	-0.2	0.0	0.0	-0.1	-0.1	0.0
30	-0.2	0.0	0.0	-0.2	0.0	0.0
29	-0.1	0.0	0.2	0.0	0.0	0.0
28	0.0	0.0	0.4	0.0	0.0	0.1
27	0.1	0.0	0.2	0.0	0.0	0.1
26	0.1	-0.1	0.0	0.0	0.0	0.1
25	0.1	-0.1	0.0	0.0	0.1	0.0
24	0.1	0.0	0.0	-0.1	0.1	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	-0.1	0.0	0.0
21	0.0	0.0	-0.1	0.0	0.1	0.0
20	0.0	0.0	-0.1	0.0	0.2	0.0
19	0.0	-0.1	0.0	0.0	0.0	-0.1
18	-0.2	-0.2	0.0	0.1	-0.1	-0.1
17	-0.2	-0.3	0.0	0.0	0.0	-0.1
16	-0.1	-0.1	-0.1	0.0	0.0	0.0
15	-0.1	-0.1	-0.2	-0.1	0.0	0.0
14	-0.1	0.0	-0.1	-0.2	0.0	0.0
13	-0.3	0.0	-0.1	0.0	0.0	0.0
12	-0.3	-0.1	-0.2	-0.1	-0.1	-0.1
11	-0.2	0.0	-0.2	-0.1	-0.1	0.0
10	-0.2	0.0	-0.1	0.0	-0.1	0.0
9	-0.1	0.0	-0.1	-0.1	-0.1	0.0
8	-0.1	0.0	-0.1	-0.1	0.0	0.0
7	-0.1	0.0	0.0	0.0	-0.1	0.0
6	-0.1	0.0	-0.1	0.0	-0.1	0.0
5	0.0	0.0	-0.1	0.0	-0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 4 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	IIPS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
4	0.0	0.0	-0.1	0.0	0.0	0.0
3	0.1	0.0	0.0	0.0	0.0	0.0
2	0.1	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.1	0.0

ANALYTIC TEST EQUATING STUDY: VOCABULARY PAIR ANALYSIS

SUBJECT AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS J AND K

RAW SCORE	CAT RTR	GPS DIFF	1795 DIFF	STEP1 DIFF	SPA DIFF	SAT DIFF
48	0.0	0.0	0.0	0.0	0.0	0.1
49	0.0	0.0	0.0	0.0	0.0	0.1
50	0.0	0.0	0.0	0.0	0.0	0.1
51	0.0	0.0	0.0	0.0	0.0	0.1
52	0.0	0.0	0.0	0.0	0.0	0.1
53	0.0	0.0	0.0	0.0	0.0	0.1
54	0.0	0.0	0.0	0.0	0.0	0.1
55	0.0	0.0	0.0	0.0	0.0	0.1
56	0.0	0.0	0.0	0.0	0.0	0.1
57	0.0	0.0	0.0	0.0	0.0	0.1
58	0.0	0.0	0.0	0.0	0.0	0.1
59	0.0	0.0	0.0	0.0	0.0	0.1
60	0.0	0.0	0.0	0.0	0.0	0.1
61	0.0	0.0	0.0	0.0	0.0	0.1
62	0.0	0.0	0.0	0.0	0.0	0.1
63	0.0	0.0	0.0	0.0	0.0	0.1
64	0.0	0.0	0.0	0.0	0.0	0.1
65	0.0	0.0	0.0	0.0	0.0	0.1
66	0.0	0.0	0.0	0.0	0.0	0.1
67	0.0	0.0	0.0	0.0	0.0	0.1
68	0.0	0.0	0.0	0.0	0.0	0.1
69	0.0	0.0	0.0	0.0	0.0	0.1
70	0.0	0.0	0.0	0.0	0.0	0.1
71	0.0	0.0	0.0	0.0	0.0	0.1
72	0.0	0.0	0.0	0.0	0.0	0.1
73	0.0	0.0	0.0	0.0	0.0	0.1
74	0.0	0.0	0.0	0.0	0.0	0.1
75	0.0	0.0	0.0	0.0	0.0	0.1
76	0.0	0.0	0.0	0.0	0.0	0.1
77	0.0	0.0	0.0	0.0	0.0	0.1
78	0.0	0.0	0.0	0.0	0.0	0.1
79	0.0	0.0	0.0	0.0	0.0	0.1
80	0.0	0.0	0.0	0.0	0.0	0.1
81	0.0	0.0	0.0	0.0	0.0	0.1
82	0.0	0.0	0.0	0.0	0.0	0.1
83	0.0	0.0	0.0	0.0	0.0	0.1
84	0.0	0.0	0.0	0.0	0.0	0.1
85	0.0	0.0	0.0	0.0	0.0	0.1
86	0.0	0.0	0.0	0.0	0.0	0.1
87	0.0	0.0	0.0	0.0	0.0	0.1
88	0.0	0.0	0.0	0.0	0.0	0.1
89	0.0	0.0	0.0	0.0	0.0	0.1
90	0.0	0.0	0.0	0.0	0.0	0.1
91	0.0	0.0	0.0	0.0	0.0	0.1
92	0.0	0.0	0.0	0.0	0.0	0.1
93	0.0	0.0	0.0	0.0	0.0	0.1
94	0.0	0.0	0.0	0.0	0.0	0.1
95	0.0	0.0	0.0	0.0	0.0	0.1
96	0.0	0.0	0.0	0.0	0.0	0.1
97	0.0	0.0	0.0	0.0	0.0	0.1
98	0.0	0.0	0.0	0.0	0.0	0.1
99	0.0	0.0	0.0	0.0	0.0	0.1
100	0.0	0.0	0.0	0.0	0.0	0.1

ANCHOR TEST EQUATING STUDY: VOCABULARY
DATA ANALYSIS

SUBTEST AT GRADE 5

LINKAGE TESTED PROCEDURE 2 -- DIFFERENCES BETWEEN NAT. EQUIVALENT SCORES FOR TRIALS 2 AND 1

ITEM SCORE	CAT DIFF	CTOS DIFF	ITOS DIFF	STEP11 DIFF	SAT DIFF	SAT DIFF
48	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0

WACHS TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 9) FOR PROCEDURE 1 GRADE 5 VOCABULARY

RAW SCORE	CAT DIFF	CI95 DIFF	IT95 DIFF	STEP11 DIFF	SIA DIFF	SAT DIFF
30						0.0
31						0.0
32						-0.1
33						-0.2
34						-0.1
35						-0.2
36						-0.1
37						0.0
38						0.0
39						0.0
40						0.0
41						0.0
42						0.0
43						0.0
44						0.0
45						0.0
46						0.0
47						0.0
48						0.0
49						0.0
50						0.0
51						0.0
52						0.0
53						0.0
54						0.0
55						0.0
56						0.0
57						0.0
58						0.0
59						0.0
60						0.0
61						0.0
62						0.0
63						0.0
64						0.0
65						0.0
66						0.0
67						0.0
68						0.0
69						0.0
70						0.0
71						0.0
72						0.0
73						0.0
74						0.0
75						0.0
76						0.0
77						0.0
78						0.0
79						0.0
80						0.0
81						0.0
82						0.0
83						0.0
84						0.0
85						0.0
86						0.0
87						0.0
88						0.0
89						0.0
90						0.0
91						0.0
92						0.0
93						0.0
94						0.0
95						0.0
96						0.0
97						0.0
98						0.0
99						0.0
100						0.0

A/C-10A TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 VOCABULARY

DATA ANALYSIS

SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEPSII DIFF	SPV DIFF	SAT DIFF
40						0.0
41						0.0
42						0.0
43						0.0
44						0.0
45						0.0
46						0.0
47						0.0
48						0.0
49						0.0
50						0.0
51						0.0
52						0.0
53						0.0
54						0.0
55						0.0
56						0.0
57						0.0
58						0.0
59						0.0
60						0.0
61						0.0
62						0.0
63						0.0
64						0.0
65						0.0
66						0.0
67						0.0
68						0.0
69						0.0
70						0.0
71						0.0
72						0.0
73						0.0
74						0.0
75						0.0
76						0.0
77						0.0
78						0.0
79						0.0
80						0.0
81						0.0
82						0.0
83						0.0
84						0.0
85						0.0
86						0.0
87						0.0
88						0.0
89						0.0
90						0.0
91						0.0
92						0.0
93						0.0
94						0.0
95						0.0
96						0.0
97						0.0
98						0.0
99						0.0
100						0.0

ANCHOR TEST OF NATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 5 VOCABULARY

RA4 SCORE	CAT DIFF	CIBS DIFF	ITPS DIFF	STEPI DIFF	SRM DIFF	SAT DIFF
50						0.0
49						0.0
48						0.0
47						0.0
46						0.0
45						0.0
44						0.0
43						0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40			0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 5 VOCABULARY
MAIN ANALYSIS

PA# SCORE	CAT DIFF	GIPS DIFF	ITPS DIFF	STPPII DIFF	SRA DIFF	SAT DIFF
56						0.0
49						0.0
48						0.0
47						0.0
46						0.0
45						0.0
44						0.0
43						0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.1	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	-0.1	0.0	0.0	0.0
21	0.0	0.0	-0.1	0.0	0.0	0.0
20	0.1	0.0	-0.1	0.0	0.0	0.0
19	0.1	0.0	0.0	0.0	0.0	0.0
18	0.1	0.0	0.0	0.0	0.0	0.0
17	0.1	0.0	0.0	0.0	-0.1	-0.1
16	0.1	0.0	0.0	0.0	-0.1	0.0
15	0.1	-0.1	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	-0.2
13	-0.1	0.0	0.0	-0.1	0.0	-0.1
12	-0.1	0.0	-0.1	-0.1	-0.1	0.0
11	0.0	0.0	-0.1	-0.1	-0.1	0.0
10	0.0	0.1	0.0	-0.1	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	-0.2	-0.1
7	0.0	0.0	0.0	0.0	-0.1	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.1	0.0	0.0
4	0.0	0.0	0.0	0.1	0.0	0.0
3	0.0	0.0	0.0	0.1	0.0	0.0
2	0.0	0.0	0.0	0.1	0.0	0.0
1	0.0	0.0	0.0	0.1	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 2 GRADE 5 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SEA DIFF	SAT DIFF
51						0.1
49						0.1
47						0.1
46						0.1
45						0.1
44						0.1
43						0.2
42			0.0		0.1	0.2
41			0.1		0.1	0.2
40			0.0		0.0	0.2
39		0.1	0.0		-0.1	0.1
38		-0.1	0.0		-0.1	0.1
37		-0.2	-0.1		-0.1	0.1
36		-0.1	-0.1		-0.1	0.1
35		0.0	-0.1		-0.1	0.1
34		-0.1	-0.1		0.0	0.1
33		-0.1	-0.1		0.0	0.1
32		-0.1	-0.2		0.0	0.0
31		0.0	-0.2		0.0	0.0
30		0.0	-0.2	0.1	0.0	0.1
29		-0.1	-0.1	0.0	0.0	0.2
28		0.0	-0.1	0.0	0.2	0.1
27		0.0	-0.1	-0.1	0.2	0.0
26		0.0	-0.1	-0.1	0.2	0.0
25		0.0	-0.1	-0.1	0.2	0.0
24		0.0	-0.1	-0.1	0.2	0.0
23		0.0	-0.1	-0.1	0.2	0.0
22		0.0	-0.1	-0.1	0.2	0.0
21		0.0	-0.1	-0.1	0.2	0.0
20		0.0	-0.1	-0.1	0.2	0.0
19		0.0	-0.1	-0.1	0.2	0.0
18		0.0	-0.1	-0.1	0.2	0.0
17		0.0	-0.1	-0.1	0.2	0.0
16		0.0	-0.1	-0.1	0.2	0.0
15		0.0	-0.1	-0.1	0.2	0.0
14		0.0	-0.1	-0.1	0.2	0.0
13		0.0	-0.1	-0.1	0.2	0.0
12		0.0	-0.1	-0.1	0.2	0.0
11		0.0	-0.1	-0.1	0.2	0.0
10		0.0	-0.1	-0.1	0.2	0.0
9		0.0	-0.1	-0.1	0.2	0.0
8		0.0	-0.1	-0.1	0.2	0.0
7		0.0	-0.1	-0.1	0.2	0.0
6		0.0	-0.1	-0.1	0.2	0.0
5		0.0	-0.1	-0.1	0.2	0.0
4		0.0	-0.1	-0.1	0.2	0.0
3		0.0	-0.1	-0.1	0.2	0.0
2		0.0	-0.1	-0.1	0.2	0.0
1		0.0	-0.1	-0.1	0.2	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 VOCABULARY

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CDS DIFF	IIPS DIFF	STEP II DIFF	MA DIFF	SAT DIFF
30						-0.1
31						-0.1
32						-0.1
33						-0.1
34						-0.1
35						-0.1
36						-0.1
37						-0.1
38						-0.1
39						-0.1
40						-0.1
41						-0.1
42						-0.1
43						-0.1
44						-0.1
45						-0.1
46						-0.1
47						-0.1
48						-0.1
49						-0.1
50						-0.1
51						-0.1
52						-0.1
53						-0.1
54						-0.1
55						-0.1
56						-0.1
57						-0.1
58						-0.1
59						-0.1
60						-0.1
61						-0.1
62						-0.1
63						-0.1
64						-0.1
65						-0.1
66						-0.1
67						-0.1
68						-0.1
69						-0.1
70						-0.1
71						-0.1
72						-0.1
73						-0.1
74						-0.1
75						-0.1
76						-0.1
77						-0.1
78						-0.1
79						-0.1
80						-0.1
81						-0.1
82						-0.1
83						-0.1
84						-0.1
85						-0.1
86						-0.1
87						-0.1
88						-0.1
89						-0.1
90						-0.1
91						-0.1
92						-0.1
93						-0.1
94						-0.1
95						-0.1
96						-0.1
97						-0.1
98						-0.1
99						-0.1
100						-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLE (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 VOCABULARY WITH ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	-STEP II DIFF	SRA DIFF	SAT DIFF
40						0.0
41						0.0
42						0.0
43						0.0
44						0.0
45						0.0
46						0.0
47						0.0
48						0.0
49						0.0
50						0.0
51						0.0
52						0.0
53						0.0
54						0.0
55						0.0
56						0.0
57						0.0
58						0.0
59						0.0
60						0.0
61						0.0
62						0.0
63						0.0
64						0.0
65						0.0
66						0.0
67						0.0
68						0.0
69						0.0
70						0.0
71						0.0
72						0.0
73						0.0
74						0.0
75						0.0
76						0.0
77						0.0
78						0.0
79						0.0
80						0.0
81						0.0
82						0.0
83						0.0
84						0.0
85						0.0
86						0.0
87						0.0
88						0.0
89						0.0
90						0.0
91						0.0
92						0.0
93						0.0
94						0.0
95						0.0
96						0.0
97						0.0
98						0.0
99						0.0
100						0.0

WACO-3 TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 VOCABULARY WILEY ANALYSIS

WACO SCORE	CAT DIFF	CT95 DIFF	IT95 DIFF	STEP11 DIFF	IT9 DIFF	SAT DIFF
90						0.1
89						0.1
88						0.1
87						0.1
86						0.1
85						0.1
84						0.1
83						0.1
82						0.1
81						0.1
80						0.1
79						0.1
78						0.1
77						0.1
76						0.1
75						0.1
74						0.1
73						0.1
72						0.1
71						0.1
70						0.1
69						0.1
68						0.1
67						0.1
66						0.1
65						0.1
64						0.1
63						0.1
62						0.1
61						0.1
60						0.1
59						0.1
58						0.1
57						0.1
56						0.1
55						0.1
54						0.1
53						0.1
52						0.1
51						0.1
50						0.1
49						0.1
48						0.1
47						0.1
46						0.1
45						0.1
44						0.1
43						0.1
42						0.1
41						0.1
40						0.1
39						0.1
38						0.1
37						0.1
36						0.1
35						0.1
34						0.1
33						0.1
32						0.1
31						0.1
30						0.1
29						0.1
28						0.1
27						0.1
26						0.1
25						0.1
24						0.1
23						0.1
22						0.1
21						0.1
20						0.1
19						0.1
18						0.1
17						0.1
16						0.1
15						0.1
14						0.1
13						0.1
12						0.1
11						0.1
10						0.1
9						0.1
8						0.1
7						0.1
6						0.1
5						0.1
4						0.1
3						0.1
2						0.1
1						0.1

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5 MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

PI- SCORE	CAT DIFF	KIDS DIFF	ITDS DIFF	STERIL DIFF	SRA DIFF	SAT DIFF
74	0.0	0.0	-0.2	0.0	0.0	0.0
73	0.0	0.0	-0.1	0.0	0.0	0.0
72	0.0	0.0	-0.2	0.0	0.0	0.0
71	0.0	0.0	-0.2	0.0	0.0	0.0
70	0.0	0.0	-0.1	0.0	0.0	0.0
69	0.0	0.0	-0.2	0.0	0.0	0.0
68	0.0	0.0	-0.1	0.0	0.0	0.0
67	0.0	0.0	-0.1	0.0	0.0	0.0
66	0.0	0.0	-0.2	0.0	0.0	0.0
65	0.0	0.0	-0.1	0.0	0.0	0.0
64	0.0	0.0	-0.1	0.0	0.0	0.0
63	0.0	0.0	-0.2	0.0	0.0	0.0
62	0.0	0.0	-0.1	0.0	0.0	0.0
61	0.0	0.0	-0.2	0.0	0.0	0.0
60	0.0	0.0	-0.1	0.0	0.0	0.0
59	0.0	0.0	-0.1	0.0	0.0	0.0
58	0.0	0.0	-0.2	0.0	0.0	0.0
57	0.0	0.0	-0.1	0.0	0.0	0.0
56	0.0	0.0	-0.2	0.0	0.0	0.0
55	0.0	0.0	-0.1	0.0	0.0	0.0
54	0.0	0.0	-0.1	0.0	0.0	0.0
53	0.0	0.0	-0.1	0.0	0.0	0.0
52	0.0	0.0	-0.1	0.0	0.0	0.0
51	0.0	0.0	-0.1	0.0	0.0	0.0
50	0.0	0.0	-0.1	0.0	0.0	0.0
49	0.0	0.0	-0.1	0.0	0.0	0.0
48	0.0	0.0	-0.1	0.0	0.0	0.0
47	0.0	0.0	-0.2	0.0	0.0	0.0
46	0.0	0.0	-0.1	0.0	0.0	0.0
45	0.0	0.0	-0.1	0.0	0.0	0.0
44	0.0	0.0	-0.1	0.0	0.0	0.0
43	0.0	0.0	-0.1	0.0	0.0	0.0
42	0.0	0.0	-0.1	0.0	0.0	0.0
41	0.0	0.0	-0.1	0.0	0.0	0.0
40	0.0	0.0	-0.1	0.0	0.0	0.0
39	0.0	0.0	-0.1	0.0	0.0	0.0
38	0.0	0.0	-0.1	0.0	0.0	0.0
37	0.0	0.0	-0.1	0.0	0.0	0.0
36	0.0	0.0	-0.1	0.0	0.0	0.0
35	0.0	0.0	-0.1	0.0	0.0	0.0
34	0.0	0.0	-0.1	0.0	0.0	0.0
33	0.0	0.0	-0.1	0.0	0.0	0.0
32	0.0	0.0	-0.1	0.0	0.0	0.0
31	0.0	0.0	-0.1	0.0	0.0	0.0
30	0.0	0.0	-0.1	0.0	0.0	0.0
29	0.0	0.0	-0.1	0.0	0.0	0.0
28	0.0	0.0	-0.1	0.0	0.0	0.0
27	0.0	0.0	-0.1	0.0	0.0	0.0
26	0.0	0.0	-0.1	0.0	0.0	0.0
25	0.0	0.0	-0.1	0.0	0.0	0.0
24	0.0	0.0	-0.1	0.0	0.0	0.0
23	0.0	0.0	-0.1	0.0	0.0	0.0
22	0.0	0.0	-0.1	0.0	0.0	0.0
21	0.0	0.0	-0.1	0.0	0.0	0.0
20	0.0	0.0	-0.1	0.0	0.0	0.0
19	0.0	0.0	-0.1	0.0	0.0	0.0
18	0.0	0.0	-0.1	0.0	0.0	0.0
17	0.0	0.0	-0.1	0.0	0.0	0.0
16	0.0	0.0	-0.1	0.0	0.0	0.0
15	0.0	0.0	-0.1	0.0	0.0	0.0
14	0.0	0.0	-0.1	0.0	0.0	0.0
13	0.0	0.0	-0.1	0.0	0.0	0.0
12	0.0	0.0	-0.1	0.0	0.0	0.0
11	0.0	0.0	-0.1	0.0	0.0	0.0
10	0.0	0.0	-0.1	0.0	0.0	0.0
9	0.0	0.0	-0.1	0.0	0.0	0.0
8	0.0	0.0	-0.1	0.0	0.0	0.0
7	0.0	0.0	-0.1	0.0	0.0	0.0
6	0.0	0.0	-0.1	0.0	0.0	0.0
5	0.0	0.0	-0.1	0.0	0.0	0.0
4	0.0	0.0	-0.1	0.0	0.0	0.0
3	0.0	0.0	-0.1	0.0	0.0	0.0
2	0.0	0.0	-0.1	0.0	0.0	0.0
1	0.0	0.0	-0.1	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

STU SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEDII DIFF	SPA DIFF	SP3 DIFF
23	-0.1	0.0	0.0	-0.1	0.0	-0.1
22	-0.1	0.0	0.0	-0.2	0.0	-0.1
21	-0.1	0.1	-0.1	-0.2	0.0	0.0
20	-0.1	0.0	0.0	-0.1	0.1	0.0
19	-0.1	0.0	-0.1	-0.2	0.0	0.0
18	0.0	0.0	-0.1	-0.2	0.0	-0.1
17	-0.1	0.1	0.0	-0.1	0.0	-0.1
16	-0.1	0.0	-0.1	-0.1	0.0	0.0
15	-0.1	0.0	0.0	-0.2	0.1	0.0
14	-0.1	0.1	0.0	-0.1	0.0	0.0
13	-0.1	0.1	-0.1	-0.1	0.0	0.1
12	-0.1	0.0	0.0	-0.1	0.0	-0.1
11	-0.1	0.0	0.0	-0.1	0.0	0.0
10	-0.1	0.0	-0.1	-0.1	0.0	0.0
9	-0.1	0.1	0.0	-0.1	0.0	-0.1
8	-0.1	0.0	0.0	-0.1	0.0	-0.1
7	-0.1	0.0	0.0	-0.1	0.0	-0.1
6	-0.1	0.0	0.0	-0.1	0.0	0.0
5	-0.1	0.0	-0.1	-0.1	0.0	0.0
4	-0.1	0.0	0.0	-0.1	0.0	-0.1
3	-0.1	0.0	0.0	-0.1	0.0	-0.1
2	-0.1	0.0	-0.1	-0.1	0.0	-0.1
1	-0.1	0.0	0.0	-0.1	0.0	0.0
0	-0.1	0.0	0.0	-0.1	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MA1 EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIPS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
74	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.1	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.1	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.1	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.1	0.0	0.0	0.0	0.0
44	0.0	0.0	0.1	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.1	0.0	0.0	0.0
32	0.1	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.1	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.1	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAI EQUIVALENT SCORES FOR ITEMS 2 AND 1

RAI SCORE	CAI DIFF	CTOS DIFF	ITRS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.1	0.0	0.0
21	0.1	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.1	0.1	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.1	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.1	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.1	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.1	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR IALS J AND 9

RAW SCORE	CAT DIFF	CHS DIFF	IBS DIFF	STEP1 DIFF	S.A. DIFF	SAT DIFF
74	0.0	0.0	-0.1	0.0	0.0	0.0
73	0.0	0.0	-0.1	0.0	0.0	0.0
72	0.0	0.0	-0.1	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	-0.1	0.0	0.0	0.0
69	0.0	0.0	-0.1	0.0	0.0	0.0
68	0.0	0.0	-0.1	0.0	0.0	0.0
67	0.0	0.0	-0.1	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	-0.1	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	-0.1
63	0.0	0.0	-0.1	0.0	0.0	-0.1
62	0.0	0.0	0.0	0.0	0.0	-0.1
61	0.0	0.0	-0.1	0.0	0.0	-0.1
60	0.0	0.0	-0.1	0.0	0.0	-0.1
59	0.0	0.0	0.0	0.0	0.0	-0.1
58	0.0	0.0	-0.1	0.0	0.0	-0.1
57	0.0	0.0	0.0	0.0	0.0	-0.1
56	0.0	0.0	-0.1	0.0	0.0	-0.2
55	0.0	0.0	0.0	0.0	0.0	-0.2
54	0.0	0.0	0.0	0.0	0.0	-0.1
53	0.0	0.0	-0.1	0.0	0.0	-0.1
52	0.0	0.0	0.0	0.0	0.0	-0.1
51	0.0	0.0	-0.1	0.0	0.0	-0.1
50	0.0	0.0	0.0	0.0	0.0	-0.1
49	0.0	0.0	0.0	0.0	0.0	-0.1
48	0.0	0.0	0.0	0.0	-0.1	-0.1
47	0.0	0.0	0.0	0.0	-0.1	-0.1
46	0.0	0.0	0.0	0.0	0.0	-0.1
45	0.0	0.1	0.0	0.0	-0.1	-0.1
44	0.0	0.1	0.0	0.0	-0.1	-0.1
43	0.0	0.1	0.0	0.0	0.0	-0.1
42	-0.1	0.0	0.0	0.0	-0.1	-0.1
41	-0.1	0.1	0.0	0.0	0.0	-0.1
40	-0.1	0.1	0.0	0.0	0.0	-0.1
39	-0.1	0.1	0.1	0.0	-0.1	-0.1
38	-0.1	0.1	0.0	0.0	0.0	-0.1
37	-0.1	0.1	0.0	0.0	0.0	-0.1
36	-0.1	0.0	0.0	0.0	0.0	-0.1
35	-0.1	0.1	0.0	0.0	0.0	0.0
34	-0.1	0.1	0.0	0.0	0.0	0.0
33	-0.1	0.1	0.0	0.0	0.0	0.0
32	-0.1	0.1	0.1	0.0	0.0	0.0
31	-0.2	0.0	0.0	0.0	0.0	0.0
30	-0.1	0.0	0.1	-0.1	0.0	0.0
29	-0.2	0.0	0.0	-0.1	0.0	0.0
28	-0.1	0.1	0.0	-0.1	0.0	0.0
27	-0.2	0.1	0.1	0.0	0.0	0.0
26	-0.1	0.1	0.0	-0.1	0.1	0.0
25	-0.2	0.0	0.1	-0.1	0.0	0.0
24	-0.1	0.0	0.0	-0.1	0.1	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAI EQUIVALENT SCORES FOR IRIALS 1 AND 0

IRIAL SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STIRII DIFF	SRA DIFF	SAT DIFF
23	-0.2	0.0	0.1	-0.1	0.1	0.0
22	-0.1	0.1	0.1	0.0	0.0	0.0
21	-0.1	0.1	0.1	-0.1	0.1	0.0
20	-0.1	0.1	0.1	-0.1	0.1	0.0
19	-0.1	0.0	0.0	0.0	0.0	0.0
18	-0.1	0.0	0.1	-0.1	0.1	0.0
17	-0.1	0.0	0.1	-0.1	0.1	0.0
16	-0.2	0.1	0.1	-0.1	0.1	0.0
15	-0.1	0.1	0.1	-0.1	0.1	0.1
14	-0.2	0.1	0.1	0.0	0.1	0.1
13	-0.1	0.0	0.1	-0.1	0.1	0.1
12	-0.2	0.0	0.0	-0.1	0.0	0.0
11	-0.1	0.0	0.1	0.0	0.1	0.0
10	-0.2	0.1	0.1	-0.1	0.1	0.0
9	-0.1	0.1	0.1	0.0	0.1	0.0
8	-0.2	0.0	0.1	-0.1	0.1	0.0
7	-0.1	0.0	0.1	-0.1	0.1	0.0
6	-0.2	0.0	0.1	0.0	0.2	0.0
5	-0.1	0.0	0.2	-0.1	0.1	0.0
4	-0.2	0.0	0.1	0.0	0.2	0.0
3	-0.1	0.1	0.1	0.0	0.2	0.0
2	-0.2	0.0	0.1	-0.1	0.1	0.0
1	-0.2	0.0	0.1	0.0	0.2	0.0
0	-0.2	0.0	0.2	0.0	0.2	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAH SCORE	CAT DIFF	CTRS DIFF	ITDS DIFF	STEP11 DIFF	SPA DIFF	SAT DIFF
74	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.1	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.1	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	-0.1	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 5 MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAA SCORE	CAT DIFF	CI25 DIFF	IT95 DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
23	0.1	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	-0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	-0.1	0.0	0.0	0.0
15	0.0	0.0	0.0	0.1	-0.1	0.1
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	-0.1	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	-0.1	0.0	-0.1	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.1	0.0	0.0	0.0	-0.1	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.1	0.0	-0.1	-0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CYBS DIFF	ITRS DIFF	STEP II DIFF	SR. DIFF	SAT DIFF
74			C.0			
73			C.0			
72			C.0			
71			C.0			
70			C.0			
69			C.0			
68			-C.1			
67			C.0			
66			C.0			
65			C.0			
64			-C.1			0.0
63			-C.1			0.0
62			-C.1			0.0
61			-C.2			0.1
60			-C.2			0.1
59			-C.2			0.1
58			-C.2			0.0
57			-C.2			0.0
56			-C.2			0.0
55			-C.1			0.1
54			-C.2			0.0
53			C.0			-0.1
52			C.0			-0.1
51			C.0			-0.1
50			C.0			-0.1
49			-C.1			-0.1
48			-C.1		-0.1	-0.1
47			-C.1		-0.2	-0.1
46			-C.1		-0.1	-0.1
45			C.0		0.1	-0.1
44			-C.1		0.0	-0.1
43			-C.1		0.0	-0.1
42			-C.1		0.0	0.0
41	-0.1		-C.1		-0.1	0.0
40	0.0		-C.1		-0.1	0.0
39	-0.1		-C.1		-0.1	0.0
38	-0.1		-C.1		0.0	-0.1
37	-0.1		-C.1		0.0	0.0
36	-0.2		-C.1		-0.1	-0.1
35	-0.1		-C.1		-0.1	0.0
34	0.0		-C.1		-0.1	0.0
33	-0.1		C.0		0.0	0.0
32	-0.1		C.0		0.1	0.0
31	-0.2		C.0		0.0	0.0
30	-0.1		C.0	0.0	0.0	0.0
29	0.0		-C.1	0.1	0.0	-0.1
28	-0.1		C.0	0.1	0.0	0.0
27	-0.3		C.0	-0.1	0.1	0.0
26	-0.2		C.0	-0.2	0.1	0.0
25	-0.1		C.0	-0.2	0.2	0.0
24	-0.1		C.1	-0.3	0.2	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

P/A SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	S-A DIFF	SAT DIFF
23	-0.1	0.0	0.0	-0.4	0.1	-0.1
22	-0.2	0.0	-0.1	-0.3	0.1	-0.1
21	-0.1	-0.1	0.0	-0.3	0.2	-0.1
20	-0.1	-0.1	0.0	-0.1	0.1	-0.1
19	-0.2	-0.2	0.1	-0.1	0.1	-0.1
18	-0.1	-0.2	0.1	-0.2	0.0	-0.1
17	-0.1	-0.1	0.1	-0.2	-0.1	-0.1
16	-0.1	-0.2	0.0	-0.1	-0.1	-0.1
15	-0.1	-0.2	0.0	0.0	-0.1	-0.1
14	-0.1	-0.2	-0.1	0.0	-0.1	0.0
13	0.0	-0.2	-0.1	-0.1	-0.1	-0.1
12	-0.1	-0.1	0.0	-0.1	-0.2	-0.1
11	-0.1	-0.2	0.1	-0.1	-0.2	-0.1
10	0.0	-0.2	0.0	-0.3	-0.2	0.0
9	0.1	-0.1	0.0	-0.1	-0.1	0.0
8	0.0	-0.1	-0.1	-0.1	-0.1	0.1
7	0.0	0.0	0.0	-0.2	-0.2	0.0
6	0.0	0.0	0.0	-0.2	-0.2	-0.1
5	0.0	0.0	0.0	-0.2	-0.5	-0.5
4	0.0	0.0	0.0	-0.3	-0.7	-0.8
3	0.0	0.0	0.0	-0.2	-0.9	-1.2
2	0.0	0.0	0.0	-0.1	-1.1	-1.6
1	0.0	0.0	0.0	-0.1	-0.1	-0.8
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION

MAIN ANALYSIS

R/N SCORE	CAT DIFF	CIBS DIFF	ITES DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
74			C-0			
73			C-0			
72			C-0			
71			C-0			
70			C-0			
69			C-0			
68			C-1			
67			C-1			
66			C-1			
65			C-0			
64			C-1			
63			C-0			
62			C-1			
61			C-1			
60			C-1			
59			C-1			
58			C-1			
57			C-1			
56			C-1			
55			C-0			
54			C-0			
53			C-0			
52			C-0			
51			C-0			
50			C-0			
49			C-1			
48			C-1			
47			C-0			
46			C-0			
45			C-0			
44			C-0			
43			C-0			
42			C-0			
41			C-0			
40			C-0			
39			C-0			
38			C-0			
37			C-1			
36			C-1			
35			C-1			
34			C-0			
33			C-0			
32			C-0			
31			C-0			
30			C-0			
29			C-0			
28			C-0			
27			C-0			
26			C-0			
25			C-0			
24			C-0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RA SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEPIN DIFF	S/A DIFF	SAT DIFF
23	0.0	0.0	0.0	0.2	-0.1	0.1
22	0.0	0.0	0.1	0.1	0.0	0.1
21	0.0	0.1	0.0	0.0	-0.1	0.1
20	0.0	0.1	0.0	0.1	-0.1	0.1
19	0.1	0.1	0.0	0.0	-0.1	0.2
18	0.0	0.1	-0.1	0.0	0.0	0.2
17	0.0	0.0	-0.1	0.1	0.1	0.2
16	0.0	0.1	0.0	0.1	0.0	0.1
15	0.0	0.1	0.0	0.0	-0.1	0.1
14	0.0	0.1	0.0	0.0	-0.1	0.0
13	0.0	0.1	0.0	0.0	-0.1	0.1
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.1	0.0	0.1	0.1	0.0
9	0.0	0.0	0.1	0.0	-0.1	0.0
8	0.0	0.0	0.0	0.0	-0.1	0.0
7	0.0	-0.1	0.0	0.0	0.0	0.0
6	0.0	-0.1	-0.2	0.0	0.0	0.0
5	0.0	0.0	-0.3	0.0	0.0	0.0
4	0.0	0.0	-0.4	0.0	0.0	0.0
3	0.0	0.0	-0.4	-0.2	0.0	0.0
2	0.0	0.0	-0.6	-0.1	0.0	0.0
1	0.0	0.0	-0.6	0.0	0.0	0.1
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
74			C.0			
73			C.0			
72			C.0			
71			C.0			
70			C.0			
69			C.0			
68			-C.1			
67			-C.1			
66			C.0			
65			C.1			0.0
64			C.0			C.0
63			C.0			C.0
62			-C.1			C.1
61			C.0			0.0
60			C.0			0.0
59			C.0			0.0
58			C.0			0.0
57			-C.1			-0.1
56			C.0			0.0
55			C.0			0.0
54			C.0			0.0
53			C.0			0.0
52			C.0			0.0
51			C.0			-0.1
50			C.0			-0.1
49			C.0			-0.1
48			C.0			-0.1
47			C.0		C.0	-0.1
46			C.0		-0.1	-0.1
45			C.0		0.0	-0.1
44			C.0		0.0	-0.1
43		C.0	C.0		0.0	0.0
42	0.0	C.0	C.0		-0.1	0.0
41	0.0	-C.1	C.0		-0.1	0.1
40	0.0	-C.1	C.0		0.0	0.0
39	0.0	C.0	C.0		0.0	C.1
38	-0.1	0.0	C.0		0.0	0.0
37	-0.1	C.0	C.0		0.0	0.0
36	-0.1	C.0	C.0		0.0	0.0
35	C.0	C.0	C.0		0.0	0.0
34	0.0	C.0	C.0		0.0	0.0
33	0.0	C.0	C.0		0.0	0.0
32	0.0	C.0	C.0		0.0	-0.1
31	0.0	C.0	C.0		0.1	0.0
30	0.0	C.0	C.0	C.0	C.1	0.0
29	0.0	C.0	C.0	0.0	0.1	0.0
28	0.0	C.0	C.0	0.0	0.0	0.0
27	0.0	C.0	C.0	0.0	0.0	0.0
26	0.0	C.0	C.0	-0.1	0.0	-0.1
25	0.0	-C.1	C.0	0.0	0.1	-0.1
24	0.0	C.0	C.0	0.0	0.1	-C.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 5) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
23	0.0	-0.1	0.0	0.0	0.1	-0.1
22	0.1	-0.1	-0.1	0.0	0.0	-0.1
21	0.0	-0.1	0.0	0.0	0.0	-0.1
20	0.0	-0.1	0.0	0.0	0.1	-0.1
19	-0.1	-0.1	0.0	0.0	0.1	-0.2
18	0.0	-0.1	0.0	0.0	0.0	-0.2
17	0.0	-0.1	0.0	0.0	-0.1	-0.2
16	0.0	-0.1	0.0	0.0	0.0	-0.1
15	0.0	-0.1	0.0	0.0	0.1	0.0
14	0.0	-0.1	0.0	0.0	0.1	-0.1
13	0.0	-0.1	0.0	0.0	0.0	0.1
12	0.0	0.0	0.0	0.0	0.0	0.1
11	0.1	0.0	0.0	0.0	0.0	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.1	0.0
8	0.0	0.0	0.1	0.0	0.1	0.0
7	0.1	0.1	0.0	0.1	0.0	0.0
6	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.0	0.1	0.1	0.1	0.1
4	0.1	0.0	0.0	0.0	0.1	0.0
3	0.0	0.0	0.0	0.1	0.1	0.0
2	0.0	0.0	0.1	0.1	0.1	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

R/W SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.1			
66			0.1			
65			0.0			
64			-0.1			
63			0.0			0.0
62			0.0			0.0
61			0.1			0.0
60			0.0			-0.1
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.1			0.1
55			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.1
49			0.0			0.1
48			0.0			0.1
47			0.0		0.0	0.1
46			0.0		-0.1	0.1
45			0.0		0.0	0.1
44		0.0	0.0		0.0	0.1
43		0.1	0.0		0.0	0.1
42		0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.1	0.0
40	0.0	0.1	0.0		0.1	-0.1
39	0.0	0.0	0.0		0.1	0.0
38	0.1	0.0	0.0		0.0	-0.1
37	0.1	0.0	0.0		0.0	0.0
36	0.1	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.1
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0		-0.1	0.0
29	0.0	0.0	0.0	0.0	-0.1	0.0
28	0.0	0.0	0.0	0.0	-0.1	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.1
25	0.0	0.0	0.0	0.1	0.0	0.0
24	0.0	0.0	0.0	0.0	-0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 5) FOR PROCEDURE 1 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

Q14 SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
23	0.0	C.1	C.0	0.0	-0.1	0.1
22	0.0	C.1	C.1	0.0	0.0	0.1
21	0.0	C.1	C.0	0.0	0.0	0.1
20	0.1	C.1	C.0	0.0	-0.1	0.1
19	0.0	C.1	0.0	0.0	-0.1	0.2
18	0.0	C.1	0.0	0.0	0.0	0.2
17	0.0	C.1	0.0	0.0	0.1	0.2
16	0.0	C.1	C.0	0.0	0.0	0.1
15	0.0	C.1	C.0	0.0	-0.1	0.1
14	0.0	C.1	0.0	0.0	-0.1	0.0
13	0.0	C.1	C.0	0.0	-0.1	0.1
12	0.0	C.0	0.0	0.0	0.0	0.0
11	0.0	C.1	0.0	0.0	0.0	0.0
10	0.0	C.0	C.0	0.0	0.0	0.0
9	0.0	C.0	C.0	0.0	-0.1	0.0
8	0.0	C.0	0.0	0.0	-0.1	0.0
7	0.0	C.0	0.0	-0.1	0.0	0.1
6	0.0	C.0	C.0	0.0	0.0	0.0
5	0.0	0.0	0.0	-0.1	0.0	0.0
4	0.0	C.0	0.0	0.0	0.0	0.0
3	0.0	C.0	0.0	0.0	0.0	0.0
2	0.0	C.0	C.0	0.0	0.0	0.0
1	0.0	C.0	C.0	0.0	0.0	0.0
0	0.0	C.0	C.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

IRAN SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SEA DIFF	SAT DIFF
74			-0.1			
73			-0.4			
72			-0.6			
71			-0.5			
70			-0.3			
69			-0.2			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			0.0
63			0.0			0.0
62			-0.1			0.0
61			0.0			0.1
60			0.0			0.1
59			0.0			0.0
58			0.0			0.0
57			0.0			0.1
56			0.0			0.1
55			-0.1			0.1
54			-0.1			0.1
53			-0.1			0.0
52			-0.1			0.0
51			-0.1			0.0
50			-0.1			0.0
49			-0.1			0.0
48			-0.1			0.0
47			-0.1		0.0	0.0
46			0.0		-0.1	-0.1
45		0.0	0.0		-0.1	-0.1
44		-0.1	0.0		-0.1	-0.1
43		-0.1	0.0		-0.1	-0.1
42		-0.1	0.0		-0.1	-0.1
41	0.0	0.0	0.0		-0.1	-0.1
40	-0.1	0.1	0.0		-0.1	-0.1
39	-0.2	0.2	0.0		-0.1	-0.2
38	-0.1	0.1	0.0		-0.1	-0.1
37	-0.1	0.0	0.0		-0.1	-0.1
36	-0.1	0.0	0.0		-0.1	-0.1
35	-0.1	0.0	-0.1		-0.1	-0.0
34	-0.1	0.0	0.0		-0.1	-0.1
33	-0.2	0.1	0.0		-0.1	-0.1
32	-0.2	0.1	0.0		-0.1	-0.1
31	-0.3	0.1	0.1		-0.1	-0.1
30	-0.2	0.0	0.0	0.0	0.0	0.0
29	-0.3	-0.1	0.0	0.0	0.1	0.0
28	-0.2	0.0	0.0	0.2	0.1	-0.1
27	-0.1	0.0	0.1	0.1	0.0	-0.1
26	-0.2	0.0	0.0	0.1	0.1	-0.1
25	-0.2	0.0	0.0	0.0	0.0	-0.1
24	-0.3	0.0	0.0	-0.2	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
23	-0.1	0.0	0.1	-0.2	0.1	0.0
22	-0.1	0.1	0.0	-0.1	0.1	0.0
21	-0.2	0.1	0.1	-0.1	0.1	0.0
20	-0.2	0.0	0.1	-0.2	0.2	0.0
19	-0.1	0.0	0.1	-0.1	0.2	0.0
18	-0.1	0.0	0.1	-0.1	0.1	0.1
17	-0.0	0.0	0.0	-0.1	0.1	0.1
16	-0.2	0.0	0.0	-0.2	0.0	0.1
15	-0.2	0.0	0.1	-0.3	0.1	0.0
14	-0.1	0.0	0.2	-0.2	0.0	0.0
13	-0.1	0.0	0.2	-0.2	0.0	0.1
12	-0.1	0.0	0.2	-0.2	0.0	0.0
11	0.0	0.0	0.2	-0.1	0.1	0.1
10	0.0	0.0	0.1	0.0	0.1	0.2
9	0.1	0.1	0.1	0.0	0.1	0.3
8	0.1	0.1	0.1	0.1	0.0	0.2
7	0.0	0.0	0.2	0.0	0.0	0.1
6	0.0	0.1	0.2	0.0	0.0	0.2
5	0.0	0.3	0.2	0.1	0.0	0.2
4	0.0	0.4	0.1	0.0	0.0	0.1
3	0.0	0.7	0.1	0.0	0.0	0.1
2	0.0	0.8	0.1	0.0	0.0	0.0
1	0.0	0.0	0.1	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CT DIFF	CTBS DIFF	ITBS DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
74			C-0			
73			C-0			
72			C-0			
71			C-0			
70			C-0			
69			C-0			
68			C-0			
67			C-0			
66			C-0			
65			C-0			
64			C-0			
63			C-0			
62			C-0			
61			C-0			
60			C-0			
59			C-0			
58			C-0			
57			C-0			
56			C-0			
55			C-0			
54			C-0			
53			C-0			
52			C-0			
51			C-0			
50			C-0			
49			C-0			
48			C-0			
47			C-0			
46			C-0			
45			C-0			
44			C-0			
43			C-0			
42			C-0			
41			C-0			
40			C-0			
39			C-0			
38			C-0			
37			C-0			
36			C-0			
35			C-0			
34			C-0			
33			C-0			
32			C-0			
31			C-0			
30			C-0			
29			C-0			
28			C-0			
27			C-0			
26			C-0			
25			C-0			
24			C-0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
23	0.0	0.0	0.1	0.1	0.0	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0
21	0.0	0.1	0.0	0.0	0.0	0.0
20	0.0	0.1	0.0	0.0	-0.1	0.0
19	0.1	0.1	0.0	0.0	-0.1	0.1
18	0.0	0.0	0.0	0.0	0.1	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.1	0.0	0.0	0.0
9	0.0	0.0	0.1	0.0	0.1	0.0
8	0.0	0.0	0.1	0.0	0.1	0.0
7	0.1	0.1	0.1	0.0	0.1	0.1
6	0.1	0.1	0.1	0.0	0.1	0.1
5	0.4	0.1	0.0	0.0	0.1	0.1
4	0.5	0.1	0.0	0.1	0.1	0.1
3	0.7	0.0	0.0	0.2	0.0	0.1
2	1.0	0.1	0.0	0.1	0.0	0.1
1	0.0	0.0	0.0	0.1	0.0	0.1
0	0.0	0.0	0.0	0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION WITH ANALYSIS

RAW SCORE	CAF DIFF	CTBS DIFF	ITES DIFF	STEP II DIFF	SCA DIFF	SAT DIFF
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.0			
59			0.0			
58			0.0			
57			0.0			
56			0.0			
55			-0.1			
54			-0.1			
53			-0.1			
52			0.0			
51			0.0			
50			0.0			
49			0.0			
48			0.0			
47			0.0			
46			0.0			
45			0.0			
44			0.0			
43			0.0			
42			0.0			
41			0.0			
40			0.0			
39			0.0			
38			0.0			
37			0.0			
36			0.0			
35			0.0			
34			0.0			
33			0.0			
32			0.0			
31			0.0			
30			0.0			
29			0.0			
28			0.0			
27			0.0			
26			0.0			
25			0.0			
24			0.0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
PAIN ANALYSIS

RAW SCORE	CAT DIFF	CTES DIFF	ITES DIFF	STEP II DIFF	SP' DIFF	SAT DIFF
23	0.0	0.0	-0.1	-0.1	0.0	0.0
22	0.0	0.0	-0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	-0.1	0.0	0.0	0.0
19	0.0	0.0	-0.1	-0.1	0.0	0.0
18	0.0	0.0	-0.1	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.1	0.0
13	0.0	0.0	0.0	0.0	0.1	0.0
12	0.0	0.0	0.0	0.0	0.1	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	-0.1	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	-0.1	-0.1
7	0.0	0.0	0.0	0.0	0.0	-0.1
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.1	0.0	0.0	0.0
4	0.0	0.0	0.1	-0.1	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	ITES DIFF	STEP II DIFF	SKA DIFF	SAT DIFF
74			C.0			
73			C.0			
72			C.0			
71			C.0			
70			C.0			
69			C.0			
68			C.0			
67			C.0			
66			C.0			
65			C.0			0.0
64			C.0			0.0
63			C.0			0.0
62			C.0			0.0
61			C.0			0.0
60			C.0			0.0
59			C.0			0.0
58			C.0			0.0
57			C.0			0.0
56			C.0			0.0
55			C.1			0.0
54			C.1			0.0
53			C.1			0.0
52			C.0			0.0
51			C.0			0.0
50			C.0			0.0
49			C.0			0.0
48			C.0		0.0	0.0
47			C.0		0.0	0.0
46			C.0		0.1	0.0
45		C.0	C.0		0.0	0.0
44		C.1	C.0		0.1	0.0
43		C.1	C.0		0.1	0.0
42	0.0	C.1	C.0		0.1	0.1
41	0.0	C.0	C.0		0.1	0.1
40	0.0	C.0	C.0		0.1	-0.1
39	0.0	C.0	C.0		0.1	-0.1
38	0.0	0.1	C.0		0.1	0.0
37	0.0	C.0	C.0		0.0	0.0
36	0.0	C.0	C.0		0.0	0.0
35	0.1	C.0	C.0		0.0	0.0
34	C.1	C.0	C.0		0.0	0.0
33	0.0	C.0	C.0		0.0	0.0
32	0.0	C.0	C.0		0.0	0.0
31	0.0	C.0	C.0		0.0	0.0
30	0.0	C.0	C.0	0.0	0.0	0.0
29	0.0	C.0	C.0	0.0	0.0	0.0
28	0.0	C.0	C.0	-0.2	0.0	0.0
27	0.0	C.0	C.0	-0.1	0.0	0.0
26	0.0	C.0	C.0	-0.1	0.0	0.0
25	0.0	C.0	C.0	0.0	0.0	0.0
24	0.0	C.0	C.1	0.2	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTIS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
23	0.0	0.0	0.1	0.1	0.0	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.1	0.0	0.0	0.1
19	0.0	0.0	0.1	0.1	0.0	0.0
18	0.0	0.0	0.1	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	-0.1	0.0
13	0.0	0.0	0.0	0.0	-0.1	0.0
12	0.0	0.0	0.0	0.0	-0.1	0.0
11	0.0	0.0	0.1	0.0	0.0	0.0
10	0.0	0.0	0.1	0.0	0.0	0.0
9	0.0	0.0	0.1	0.0	-0.1	0.0
8	0.0	0.0	0.1	0.0	0.1	0.1
7	0.0	0.0	0.0	0.0	0.0	0.1
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	-0.2
4	0.0	0.0	0.0	0.1	0.0	-0.3
3	0.0	0.0	0.0	0.0	0.0	-0.5
2	0.0	0.0	0.0	0.0	0.0	-0.7
1	0.0	0.0	0.0	0.0	0.0	-0.9
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN PAI EQUIVALENT SCORES FOR TRIALS 1 AND 0

PAI SCORE	CAT DIFF	CIRS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
117	0.0	0.0	-0.2	0.0	0.0	0.0
116	0.0	0.0	-0.2	0.0	0.0	0.0
115	0.0	0.0	-0.2	0.0	0.0	0.0
114	0.0	0.0	-0.2	0.0	0.0	0.0
113	0.0	0.0	-0.2	0.0	0.0	0.0
112	0.0	0.0	-0.2	0.0	0.0	0.0
111	0.0	0.0	-0.2	0.0	0.0	0.0
110	0.0	0.0	-0.2	0.0	0.0	0.0
109	0.0	0.0	-0.2	0.0	0.0	0.0
108	0.0	0.0	-0.2	0.0	0.0	0.0
107	0.0	0.0	-0.1	0.0	0.0	0.0
106	0.0	0.0	-0.1	0.0	0.0	0.0
105	0.0	0.0	-0.1	0.0	0.0	0.0
104	0.0	0.0	-0.1	0.0	0.0	0.0
103	0.0	0.0	-0.1	0.0	0.0	0.0
102	0.0	0.0	-0.1	0.0	0.0	0.0
101	0.0	0.0	-0.1	0.0	0.0	0.0
100	0.0	0.0	-0.1	0.0	0.0	0.0
99	0.0	0.0	-0.1	0.0	0.0	0.0
98	0.0	0.0	-0.1	0.0	0.0	0.0
97	0.0	0.0	-0.1	0.0	0.0	0.0
96	0.0	0.0	-0.1	0.0	0.0	0.0
95	0.0	0.0	-0.1	0.0	0.0	0.0
94	0.0	0.0	-0.1	0.0	0.0	0.0
93	0.0	0.0	-0.2	0.0	0.0	0.0
92	0.0	0.0	-0.2	0.0	0.0	0.0
91	0.0	0.0	-0.2	0.0	0.0	0.0
90	0.0	0.0	-0.2	0.0	0.0	0.0
89	0.0	0.0	-0.2	0.0	0.0	0.0
88	0.0	0.0	-0.2	0.0	0.0	0.0
87	0.0	0.0	-0.2	0.0	0.0	0.0
86	0.0	0.0	-0.2	0.0	0.0	0.0
85	0.0	0.0	-0.2	0.0	0.0	0.0
84	0.0	0.0	-0.1	0.0	0.0	0.0
83	0.0	0.0	-0.1	0.0	0.0	0.0
82	-0.2	0.0	-0.1	0.0	0.0	0.0
81	-0.1	0.0	-0.1	0.0	0.0	0.0
80	-0.1	0.0	-0.1	0.0	0.0	0.0
79	-0.2	0.0	-0.1	0.0	0.0	0.0
78	-0.2	0.0	-0.1	0.0	0.0	0.0
77	-0.2	0.0	-0.1	0.0	0.0	0.0
76	-0.2	0.0	-0.1	0.0	0.0	0.0
75	-0.2	0.0	-0.1	0.0	0.0	0.0
74	-0.2	0.0	-0.1	0.0	0.0	0.0
73	-0.2	0.0	-0.1	0.0	0.0	0.0
72	-0.2	0.0	-0.1	0.0	0.0	0.0
71	-0.2	0.0	-0.1	0.0	0.0	0.0
70	-0.2	0.0	-0.1	0.0	0.0	0.0
69	-0.2	0.0	-0.2	0.0	0.0	0.0
68	-0.2	0.0	-0.2	0.0	0.0	0.0
67	-0.2	0.0	-0.2	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
66	-0.3	0.2	-0.2	0.0	0.2	0.0
65	-0.3	0.2	-0.2	0.0	0.1	-0.1
64	-0.3	0.2	-0.2	0.0	0.2	0.0
63	-0.3	0.2	-0.2	0.0	0.1	-0.1
62	-0.3	0.2	-0.2	0.0	0.1	-0.1
61	-0.3	0.2	-0.1	0.0	0.1	0.0
60	-0.3	0.2	-0.1	-0.3	0.1	-0.1
59	-0.3	0.2	-0.1	-0.3	0.1	-0.1
58	-0.3	0.2	-0.1	-0.3	0.1	-0.1
57	-0.3	0.2	-0.1	-0.3	0.1	-0.1
56	-0.4	0.2	-0.1	-0.3	0.1	-0.1
55	-0.4	0.2	-0.1	-0.3	0.2	-0.1
54	-0.4	0.2	-0.1	-0.3	0.1	-0.1
53	-0.4	0.2	-0.1	-0.3	0.1	-0.1
52	-0.3	0.2	-0.1	-0.2	0.1	-0.1
51	-0.3	0.2	-0.1	-0.3	0.2	-0.2
50	-0.3	0.2	-0.1	-0.2	0.1	-0.1
49	-0.3	0.2	-0.1	-0.3	0.1	-0.2
48	-0.3	0.2	-0.1	-0.3	0.1	-0.2
47	-0.3	0.2	-0.1	-0.2	0.1	-0.1
46	-0.3	0.2	-0.1	-0.3	0.1	-0.2
45	-0.3	0.2	-0.2	-0.2	0.1	-0.1
44	-0.4	0.2	-0.2	-0.3	0.1	-0.2
43	-0.4	0.2	-0.2	-0.2	0.1	-0.2
42	-0.4	0.2	-0.2	-0.2	0.1	-0.2
41	-0.4	0.2	-0.2	-0.3	0.1	-0.2
40	-0.4	0.2	-0.2	-0.2	0.1	-0.2
39	-0.4	0.2	-0.2	-0.2	0.1	-0.2
38	-0.4	0.2	-0.2	-0.2	0.1	-0.2
37	-0.4	0.2	-0.1	-0.2	0.1	-0.2
36	-0.4	0.2	-0.1	-0.2	0.1	-0.2
35	-0.4	0.2	-0.1	-0.2	0.1	-0.2
34	-0.4	0.2	-0.1	-0.2	0.1	-0.2
33	-0.5	0.2	-0.1	-0.2	0.0	-0.2
32	-0.5	0.2	-0.1	-0.2	0.1	-0.3
31	-0.5	0.2	-0.1	-0.2	0.0	-0.2
30	-0.5	0.2	-0.1	-0.2	0.1	-0.3
29	-0.5	0.2	-0.1	-0.1	0.1	-0.3
28	-0.5	0.2	-0.1	-0.2	0.1	-0.2
27	-0.5	0.2	-0.1	-0.2	0.1	-0.3
26	-0.5	0.2	-0.1	-0.2	0.1	-0.3
25	-0.5	0.2	-0.1	-0.2	0.1	-0.3
24	-0.5	0.2	-0.1	-0.1	0.0	-0.3
23	-0.4	0.2	-0.1	-0.2	0.1	-0.3
22	-0.4	0.2	-0.1	-0.1	0.0	-0.3
21	-0.5	0.2	-0.2	-0.2	0.1	-0.3
20	-0.5	0.2	-0.2	-0.1	0.0	-0.3
19	-0.5	0.2	-0.2	-0.1	0.1	-0.3
18	-0.5	0.2	-0.2	-0.2	0.0	-0.4
17	-0.5	0.2	-0.2	-0.1	0.1	-0.3
16	-0.5	0.2	-0.2	-0.1	0.1	-0.4

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTBS DIFF	ITPS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
15	-0.5	0.2	-0.2	-0.1	0.1	-0.3
14	-0.5	0.2	-0.1	-0.1	0.1	-0.3
13	-0.5	0.3	-0.1	-0.1	0.0	-0.4
12	-0.5	0.3	-0.1	-0.1	0.1	-0.3
11	-0.5	0.2	-0.1	0.0	0.0	-0.4
10	-0.6	0.2	-0.1	-0.1	0.1	-0.4
9	-0.6	0.2	-0.1	-0.1	0.0	-0.4
8	-0.6	0.3	-0.1	-0.1	0.1	-0.4
7	-0.6	0.3	-0.1	-0.1	0.0	-0.4
6	-0.6	0.3	-0.1	0.0	0.1	-0.4
5	-0.6	0.4	-0.1	-0.1	0.0	-0.4
4	-0.6	0.2	-0.1	0.0	0.0	-0.4
3	-0.6	0.1	-0.1	-0.1	0.1	-0.4
2	-0.6	0.3	-0.1	-0.1	0.0	-0.5
1	-0.6	0.3	-0.1	0.0	0.1	-0.4
0	-0.6	0.2	-0.1	-0.1	0.2	-0.4

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
117	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	-0.1
109	0.0	0.0	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0	0.0	-0.1
107	0.0	0.0	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0	0.0	-0.1
105	0.0	0.0	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0	0.0	-0.1
102	0.0	0.0	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0	0.0	-0.1
100	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	-0.1
95	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	-0.1
93	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	-0.1
88	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	-0.1	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	-0.1	0.0
84	0.0	-0.1	0.0	0.0	-0.1	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
82	0.1	0.0	0.0	0.0	0.0	-0.1
81	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0
79	0.0	-0.1	0.0	0.0	-0.1	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	-0.1	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	-0.1	0.0
74	0.0	-0.1	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	-0.1	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	-0.1	0.1	0.0	0.0	0.0
68	0.0	-0.1	0.1	0.0	-0.1	0.0
67	0.0	0.0	0.1	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CUBS DIFF	IPS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
66	0.1	0.0	0.1	0.0	-0.1	0.0
65	0.1	0.0	0.1	0.0	0.0	0.0
64	0.1	0.0	0.0	0.0	-0.1	0.0
63	0.1	-0.1	0.0	0.0	0.0	0.1
62	0.1	0.0	0.0	0.0	0.0	0.0
61	0.1	0.0	0.0	0.0	0.0	0.0
60	0.1	0.0	0.0	0.0	0.0	0.0
59	0.1	0.0	0.0	0.1	0.0	0.0
58	0.1	-0.1	0.0	0.1	0.0	0.0
57	0.1	0.0	0.0	0.0	-0.1	0.0
56	0.1	0.0	0.0	0.1	0.0	0.1
55	0.1	0.0	0.0	0.0	-0.1	0.0
54	0.1	0.0	0.0	0.1	0.0	0.0
53	0.1	-0.1	0.0	0.1	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.1	0.0	0.1
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.1	0.0	0.1
48	0.0	-0.1	0.0	0.1	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.1	-0.1	0.0
45	0.0	0.0	0.1	0.0	0.0	0.0
44	0.0	0.0	0.1	0.1	-0.1	0.1
43	0.0	-0.1	0.0	0.0	0.0	0.0
42	0.0	0.0	0.1	0.0	0.0	0.1
41	0.0	0.0	0.1	0.1	0.0	0.0
40	0.1	0.0	0.1	0.0	0.0	0.0
39	0.1	0.0	0.1	0.0	0.0	0.1
38	0.1	-0.1	0.1	0.0	0.0	0.0
37	0.1	-0.1	0.1	0.0	0.0	0.1
36	0.1	0.0	0.1	0.1	0.0	0.0
35	0.1	0.0	0.0	0.0	-0.1	0.1
34	0.1	0.0	0.0	0.0	0.0	0.0
33	0.1	-0.1	0.0	0.0	0.0	0.0
32	0.1	-0.1	0.0	0.0	0.0	0.1
31	0.1	0.0	0.0	0.1	0.0	0.0
30	0.1	0.0	0.0	0.0	0.0	0.1
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.1	-0.1	0.0	0.0	0.0	0.0
27	0.1	-0.1	0.0	0.0	0.0	0.1
26	0.1	0.0	0.0	0.1	0.0	0.0
25	0.1	0.0	0.0	0.0	0.0	0.1
24	0.1	0.0	0.0	0.0	0.0	0.0
23	0.0	-0.1	0.0	0.0	0.0	0.1
22	0.0	-0.1	0.0	0.0	0.0	0.0
21	0.0	0.0	0.1	0.0	0.0	0.0
20	0.0	0.0	0.1	0.0	0.0	0.1
19	0.0	0.0	0.1	0.0	0.0	0.0
18	0.0	-0.1	0.1	0.0	0.0	0.1
17	0.0	-0.1	0.1	0.0	0.0	0.0
16	0.0	0.0	0.1	-0.1	0.0	0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBJECT AT GRADE 5

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIPLS 2 AND 1

RA# SCORE	CAT DIFF	CTSS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
15	0.0	0.0	0.1	0.0	-0.1	0.1
14	0.0	0.0	0.1	0.0	0.0	0.0
13	0.1	-0.1	0.1	0.0	0.0	0.1
12	0.1	-0.1	0.1	0.0	0.0	0.0
11	0.1	0.0	0.1	-0.1	0.0	0.1
10	0.1	0.0	0.1	0.0	0.0	0.0
9	0.1	0.0	0.1	0.0	0.0	0.1
8	0.1	-0.1	0.1	0.0	0.0	0.1
7	0.1	-0.1	0.0	0.0	0.0	0.0
6	0.1	-0.1	0.0	-0.1	0.0	0.1
5	0.1	0.0	0.0	0.0	0.0	0.0
4	0.1	0.0	0.0	0.0	0.0	0.1
3	0.1	0.0	0.0	0.0	0.0	0.1
2	0.1	-0.1	0.0	0.0	0.0	0.1
1	0.1	-0.1	0.0	-0.1	0.0	0.1
0	0.1	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TCIAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAI EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
117	3.0	0.0	-0.2	0.0	0.0	0.0
116	3.0	0.0	-0.2	0.0	0.0	0.0
115	3.0	0.0	-0.2	0.0	0.0	0.0
114	0.0	0.0	-0.2	0.0	0.0	0.0
113	0.0	0.0	-0.2	0.0	0.0	0.0
112	2.0	0.0	-0.2	0.0	0.0	0.0
111	0.0	0.0	-0.2	0.0	0.0	0.0
110	0.0	0.0	-0.1	0.0	0.0	-0.1
109	0.0	0.0	-0.2	0.0	0.0	0.0
108	0.0	0.0	-0.2	0.0	0.0	-0.1
107	0.0	0.0	-0.2	0.0	0.0	-0.1
106	0.0	0.0	-0.2	0.0	0.0	-0.1
105	0.0	0.0	-0.2	0.0	0.0	-0.1
104	0.0	0.0	-0.2	0.0	0.0	0.0
103	0.0	0.0	-0.2	0.0	0.0	-0.1
102	0.0	0.0	-0.2	0.0	0.0	-0.1
101	0.0	0.0	-0.2	0.0	0.0	0.0
100	0.0	0.0	-0.2	0.0	0.0	-0.1
99	0.0	0.0	-0.2	0.0	0.0	0.0
98	0.0	0.0	-0.2	0.0	0.0	-0.1
97	0.0	0.0	-0.2	0.0	0.0	-0.1
96	0.0	0.0	-0.1	0.0	0.0	0.0
95	0.0	0.0	-0.1	0.0	0.0	-0.1
94	0.0	0.0	-0.1	0.0	0.0	0.0
93	0.0	0.0	-0.1	0.0	0.0	-0.1
92	0.0	0.0	-0.1	0.0	0.0	-0.1
91	0.0	0.0	-0.1	0.0	0.0	0.0
90	0.0	0.0	-0.1	0.0	0.0	-0.1
89	0.0	0.0	-0.1	0.0	0.0	0.0
88	0.0	0.0	-0.1	0.0	-0.1	-0.1
87	0.0	0.0	-0.1	0.0	-0.1	-0.1
86	0.0	0.0	-0.1	0.0	-0.1	0.0
85	0.0	0.2	-0.1	0.0	-0.1	-0.1
84	0.0	0.1	-0.1	0.0	0.0	0.0
83	0.0	0.1	0.0	0.0	0.0	0.0
82	-0.1	0.1	-0.1	0.0	-0.1	-0.1
81	0.0	0.1	-0.1	0.0	0.0	0.0
80	0.0	0.1	-0.1	0.0	0.0	-0.1
79	-0.1	0.2	-0.1	0.0	-0.1	0.0
78	-0.1	0.2	-0.1	0.0	0.0	0.0
77	-0.1	0.2	-0.1	0.0	0.0	-0.1
76	-0.1	0.2	-0.1	0.0	-0.1	0.0
75	0.0	0.1	-0.1	0.0	0.0	-0.1
74	-0.1	0.1	-0.1	0.0	0.0	0.0
73	-0.1	0.1	-0.1	0.0	0.0	0.0
72	-0.1	0.1	-0.1	0.0	0.0	-0.1
71	-0.1	0.1	-0.1	0.0	0.0	0.0
70	-0.1	0.1	-0.1	0.0	0.0	-0.1
69	-0.1	0.1	0.0	0.0	0.0	0.0
68	-0.1	0.1	0.0	0.0	0.0	0.0
67	-0.1	0.1	0.0	0.0	0.0	-0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 2

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	MAT DIFF
60	-0.1	0.1	0.0	0.0	0.1	0.0
65	-0.1	0.1	0.0	0.0	0.0	0.0
64	-0.2	0.1	0.0	0.0	0.0	0.0
63	-0.1	0.1	0.0	0.0	0.1	0.0
62	-0.1	0.1	0.0	0.0	0.0	-0.1
61	-0.1	0.1	0.0	0.0	0.1	0.0
60	-0.1	0.1	0.0	-0.1	0.1	0.0
59	-0.2	0.1	0.0	-0.1	0.1	0.0
58	-0.2	0.0	0.0	-0.1	0.1	0.0
57	-0.1	0.0	0.0	-0.1	0.1	-0.1
56	-0.1	0.1	-0.1	-0.1	0.1	0.0
55	-0.1	0.1	0.0	-0.1	0.1	0.0
54	-0.2	0.1	0.0	-0.1	0.1	0.0
53	-0.2	0.1	0.0	-0.2	0.1	0.0
52	-0.1	0.1	0.0	-0.2	0.2	-0.1
51	-0.1	0.1	0.0	-0.2	0.1	0.0
50	-0.1	0.0	0.0	-0.2	0.1	0.0
49	-0.2	0.0	0.0	-0.2	0.2	0.0
48	-0.2	0.0	0.0	-0.2	0.1	0.0
47	-0.2	0.0	0.0	-0.2	0.1	0.0
46	-0.1	0.0	0.0	-0.2	0.2	0.0
45	-0.1	0.0	0.0	-0.2	0.2	0.0
44	-0.2	0.1	0.0	-0.2	0.1	0.0
43	-0.2	0.1	0.0	-0.2	0.2	0.0
42	-0.2	0.1	0.1	-0.2	0.2	0.0
41	-0.2	0.0	0.1	-0.2	0.1	0.0
40	-0.1	0.0	0.1	-0.2	0.2	0.0
39	-0.2	0.0	0.1	-0.2	0.2	0.0
38	-0.2	0.0	0.1	-0.2	0.2	0.0
37	-0.2	0.0	0.1	-0.2	0.2	0.0
36	-0.2	0.0	0.1	-0.2	0.2	0.0
35	-0.2	0.0	0.1	-0.2	0.2	0.0
34	-0.2	0.0	0.1	-0.2	0.2	0.1
33	-0.2	0.0	0.1	-0.2	0.2	0.0
32	-0.2	0.0	0.1	-0.3	0.2	0.0
31	-0.2	0.0	0.1	-0.3	0.2	0.0
30	-0.2	0.0	0.1	-0.3	0.2	0.0
29	-0.2	0.0	0.1	-0.3	0.2	0.1
28	-0.2	0.0	0.1	-0.3	0.3	0.0
27	-0.2	0.0	0.1	-0.3	0.2	0.0
26	-0.2	0.0	0.1	-0.3	0.2	0.0
25	-0.2	0.0	0.1	-0.3	0.3	0.0
24	-0.3	-0.1	0.1	-0.3	0.2	0.1
23	-0.2	-0.1	0.1	-0.3	0.3	0.0
22	-0.2	-0.1	0.1	-0.3	0.3	0.0
21	-0.2	0.0	0.1	-0.3	0.3	0.0
20	-0.2	0.0	0.1	-0.3	0.3	0.0
19	-0.2	0.0	0.1	-0.3	0.3	0.1
18	-0.2	0.0	0.1	-0.3	0.3	0.0
17	-0.2	0.0	0.1	-0.3	0.3	0.0
16	-0.2	-0.1	0.1	-0.3	0.3	0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CIDS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
15	-0.2	-0.1	0.1	-0.3	0.3	0.0
14	-0.3	-0.1	0.2	-0.3	0.4	0.1
13	-0.3	-0.1	0.2	-0.3	0.3	0.0
12	-0.3	-0.1	0.2	-0.3	0.3	0.0
11	-0.2	-0.1	0.2	-0.4	0.4	0.1
10	-0.2	0.0	0.2	-0.4	0.3	0.0
9	-0.3	0.0	0.2	-0.4	0.3	0.0
8	-0.3	0.0	0.2	-0.5	0.4	0.0
7	-0.3	-0.1	0.2	-0.5	0.4	0.0
6	-0.3	-0.1	0.2	-0.5	0.3	0.1
5	-0.2	0.0	0.2	-0.5	0.4	0.0
4	-0.3	-0.1	0.2	-0.5	0.4	0.1
3	-0.3	-0.1	0.2	-0.5	0.3	0.0
2	-0.3	-0.1	0.1	-0.5	0.3	0.0
1	-0.3	-0.1	0.2	-0.5	0.4	0.1
0	-0.2	-0.1	0.2	-0.5	0.4	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
117	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	0.0
109	0.0	0.0	0.1	0.0	0.0	0.0
108	0.0	0.0	0.1	0.0	0.0	0.0
107	0.0	0.0	0.1	0.0	0.0	0.1
106	0.0	0.0	0.1	0.0	0.0	0.0
105	0.0	0.0	0.1	0.0	0.0	0.0
104	0.0	0.0	0.1	0.0	0.0	0.0
103	0.0	0.0	0.1	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0	0.0	0.1
101	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.1
96	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.1
91	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.1
86	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	-0.1	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
82	0.1	0.0	0.1	0.0	0.0	0.1
81	0.0	0.0	0.1	0.0	0.0	0.0
80	0.0	0.0	0.1	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	-0.1	0.0	0.0	0.0	0.1
76	0.1	-0.1	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.1
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	-0.1	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SURTEST AT GRADE 5

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAI EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF	B
66	0.0	0.0	0.0	0.0	0.0	0.0	
65	0.0	0.0	0.0	0.0	0.0	0.0	
64	0.1	0.0	0.0	0.0	0.0	0.0	
63	0.0	0.0	0.0	0.0	0.0	0.0	
62	0.0	0.0	0.0	0.0	0.0	0.0	
61	0.0	0.0	0.0	0.0	-0.1	0.0	
60	0.0	0.0	0.0	0.0	0.0	0.0	
59	0.1	-0.1	0.0	0.0	0.0	0.0	
58	0.1	0.0	0.0	0.0	-0.1	0.0	
57	0.0	0.0	0.0	0.0	0.0	0.0	
56	0.0	0.0	0.0	0.0	0.0	0.0	
55	0.0	0.0	0.0	0.0	-0.1	0.0	
54	0.0	0.0	0.0	0.0	0.0	0.0	
53	0.1	0.0	0.0	0.0	0.0	0.0	
52	0.0	0.0	0.0	0.0	-0.1	0.0	
51	0.0	0.0	0.0	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.0	0.0	0.0	
49	0.0	0.0	0.0	0.0	-0.1	0.0	
48	0.0	0.0	0.0	0.0	0.0	0.0	
47	0.1	0.0	0.0	0.0	0.0	0.0	
46	0.0	0.0	0.0	0.0	-0.1	0.0	
45	0.0	0.0	0.0	0.0	0.0	0.0	
44	0.0	0.0	0.0	0.0	0.0	0.0	
43	0.0	0.0	0.0	0.0	0.0	0.0	
42	0.0	0.0	0.0	0.0	-0.1	0.0	
41	0.1	0.0	0.0	0.0	0.0	0.0	
40	0.0	0.0	0.0	0.0	-0.1	0.0	
39	0.0	0.0	0.0	0.0	0.0	0.0	
38	0.0	0.0	0.0	0.0	0.0	0.0	
37	0.0	0.0	0.0	0.0	-0.1	0.0	
36	0.0	0.0	0.0	0.0	0.0	0.0	
35	0.1	0.0	0.0	0.0	0.0	0.0	
34	0.0	0.0	0.0	0.0	-0.1	0.0	
33	0.0	0.0	-0.1	0.0	0.0	0.0	
32	0.0	0.0	-0.1	0.0	0.0	0.0	
31	0.0	0.0	-0.1	0.0	-0.1	0.0	
30	0.0	0.0	-0.1	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	-0.1	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	-0.1	0.0	
24	0.1	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	-0.1	0.0	
22	0.0	0.0	0.0	0.0	-0.1	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	-0.1	0.0	
19	0.0	0.0	0.0	0.0	-0.1	0.0	
18	0.1	0.0	0.0	0.0	-0.1	0.0	
17	0.0	0.0	0.0	0.0	-0.1	0.0	
16	0.0	0.1	0.0	0.0	-0.1	0.0	

SUBTEST AT GRADE 5

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAY EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAM SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	-0.1	-0.1
13	0.0	0.0	0.0	0.0	-0.1	0.0
12	0.1	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	-0.1	0.0
10	0.0	0.0	-0.1	0.0	0.0	0.0
9	0.0	0.0	-0.1	0.0	-0.1	-0.1
8	0.0	0.0	-0.1	0.1	-0.1	0.0
7	0.0	0.1	-0.1	0.1	0.0	0.0
6	0.1	0.0	-0.1	0.1	0.0	0.0
5	0.0	0.0	-0.1	0.1	-0.1	-0.1
4	0.0	0.0	-0.1	0.1	0.0	0.0
3	0.0	0.0	-0.1	0.1	-0.1	0.0
2	0.0	0.0	0.0	0.1	-0.1	0.0
1	0.0	0.0	0.0	0.1	0.0	0.0
0	0.0	0.0	0.0	0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

PAS SCORE	CAT DIFF	CIRS DIFF	IIRS DIFF	SIRPII DIFF	SPA DIFF	SAT DIFF
117			0.0			
116			0.0			
115			0.5			
114			1.0			
113			0.8			0.4
112			0.5			0.7
111			0.4			0.2
110			0.2			0.7
109			0.0			0.6
108			0.0			0.4
107			0.0			0.2
106			0.0			0.1
105			0.0			-0.2
104			0.0			-0.3
103			0.0			-0.4
102			0.0			-0.5
101			0.0			-0.4
100			0.0			-0.4
99			0.0			-0.2
98			-0.1			-0.2
97			-0.1			-0.2
96			-0.1			-0.2
95			-0.1			-0.2
94			-0.2			-0.1
93			-0.2			-0.1
92			-0.1			-0.1
91			-0.1			-0.1
90			0.0			-0.2
89			0.0		0.8	-0.1
88			0.0		0.3	-0.2
87			0.0		-0.1	-0.3
86			0.1		-0.3	-0.3
85		0.8	0.1		-0.2	-0.4
84		0.7	0.1		-0.1	-0.3
83		0.4	0.0		0.0	-0.3
82		0.3	0.0		-0.1	-0.3
81	0.8	0.0	0.1		-0.1	-0.2
80	0.2	0.1	0.1		-0.2	-0.2
79	-0.1	0.1	0.1		-0.2	-0.2
78	-0.3	0.2	0.1		-0.2	-0.2
77	-0.2	0.2	0.1		-0.2	-0.2
76	-0.3	0.3	0.0		-0.1	-0.1
75	-0.3	0.2	0.1		0.0	-0.1
74	-0.2	0.2	0.1		0.0	-0.2
73	-0.3	0.2	0.1		0.0	-0.2
72	-0.3	0.2	0.1		0.0	-0.2
71	-0.2	0.3	0.1		0.1	-0.2
70	-0.2	0.3	0.0		0.0	-0.2
69	-0.1	0.2	0.0		0.1	-0.1
68	-0.2	0.2	0.0		0.2	-0.2
67	-0.1	0.1	0.0		0.2	-0.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	JLPS DIFF	STEPIL DIFF	SPA DIFF	SAT DIFF
66	-0.2	0.2	0.0		0.2	-0.2
65	-0.3	0.1	0.0		0.3	-0.2
64	-0.4	0.2	-0.1		0.3	-0.1
63	-0.4	0.2	0.0		0.3	-0.1
62	-0.4	0.3	-0.1		0.2	-0.1
61	-0.3	0.2	0.0		0.2	0.0
60	-0.3	0.3	0.0	0.8	0.3	0.0
59	-0.3	0.2	0.0	0.5	0.2	0.0
58	-0.4	0.3	0.1	0.2	0.2	-0.1
57	-0.5	0.2	0.1	-0.1	0.3	-0.1
56	-0.4	0.2	0.1	-0.1	0.2	0.0
55	-0.4	0.3	0.1	0.0	0.3	-0.1
54	-0.5	0.3	0.0	-0.2	0.3	-0.1
53	-0.5	0.3	0.0	-0.2	0.2	-0.1
52	-0.4	0.3	0.1	-0.2	0.3	0.0
51	-0.5	0.2	0.0	-0.2	0.2	0.0
50	-0.5	0.2	0.0	-0.2	0.2	0.0
49	-0.4	0.3	0.0	-0.3	0.2	0.0
48	-0.4	0.2	0.0	-0.4	0.1	0.0
47	-0.4	0.1	0.0	-0.5	0.2	0.0
46	-0.5	0.1	-0.1	-0.6	0.0	0.0
45	-0.5	0.1	-0.1	-0.4	0.0	0.0
44	-0.6	-0.1	-0.2	-0.4	0.0	0.0
43	-0.6	-0.1	-0.3	-0.5	0.0	0.0
42	-0.7	-0.1	-0.2	-0.4	-0.1	-0.1
41	-0.7	-0.1	-0.3	-0.4	-0.1	-0.1
40	-0.8	-0.2	-0.2	-0.4	-0.1	-0.1
39	-0.9	-0.1	-0.2	0.3	-0.2	-0.1
38	-0.8	0.0	-0.2	-0.2	-0.2	-0.2
37	-0.9	0.0	-0.2	-0.1	-0.1	-0.2
36	-0.8	0.1	-0.2	-0.2	-0.2	-0.2
35	-0.8	0.0	-0.1	-0.1	-0.2	-0.3
34	-0.8	0.0	-0.1	-0.2	-0.2	-0.3
33	-0.8	0.1	-0.1	-0.2	-0.2	-0.4
32	-0.7	0.1	0.0	-0.1	0.0	-0.5
31	-0.6	0.2	0.1	-0.2	0.0	-0.5
30	-0.5	0.2	0.1	-0.2	0.0	-0.4
29	-0.5	0.2	0.2	-0.3	0.0	-0.4
28	-0.4	0.2	0.1	-0.3	0.1	-0.4
27	-0.4	0.1	0.2	-0.3	0.1	-0.3
26	-0.3	0.2	0.1	-0.3	0.1	-0.3
25	-0.4	0.1	0.0	-0.3	0.1	-0.1
24	-0.3	0.1	0.2	-0.3	0.1	-0.1
23	-0.4	0.1	0.2	-0.3	0.1	0.0
22	-0.4	0.2	0.2	-0.2	0.1	0.0
21	-0.3	0.2	0.2	-0.2	0.0	0.0
20	-0.3	0.1	0.2	-0.1	0.0	-0.1
19	-0.4	0.1	0.1	-0.1	-0.1	0.0
18	-0.3	0.0	0.0	0.0	-0.1	-0.1
17	-0.3	0.2	0.0	0.0	-0.1	-0.1
16	-0.4	0.0	0.0	-0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	LIBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
15	-0.4	0.0	0.1	0.0	0.2	0.0
14	-0.3	0.0	0.6	-0.2	0.3	0.1
13	-0.3	0.0	0.7	-0.3	0.3	0.4
12	-0.2	0.0	0.5	-0.4	0.3	0.5
11	-0.2	0.0	0.6	-0.4	0.3	0.4
10	-0.2	0.0	0.4	-0.3	0.2	0.4
9	-0.1	0.0	0.3	-0.3	0.2	0.4
8	-0.1	0.0	0.3	-0.3	0.2	0.2
7	0.0	0.0	0.2	-0.2	0.1	0.2
6	0.0	0.0	0.1	-0.2	0.1	0.2
5	0.0	0.0	0.1	-0.1	0.1	0.1
4	0.0	0.0	0.0	0.0	0.0	0.1
3	0.0	0.0	0.0	0.0	0.0	0.1
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAA SCORE	CAT DIFF	CBS DIFF	ITPS DIFF	STEPIL DIFF	SPA DIFF	SAT DIFF
117			0.0			
116			0.0			
115			0.0			
114			0.0			
113			0.0			0.0
112			0.0			0.0
111			0.0			0.0
110			0.0			0.0
109			0.1			0.0
108			0.1			0.0
107			0.1			0.1
106			0.1			0.1
105			0.0			0.1
104			0.0			0.2
103			0.0			0.2
102			0.0			0.2
101			0.0			0.2
100			0.0			0.1
99			0.0			0.1
98			0.0			0.1
97			0.1			0.1
96			0.1			0.1
95			0.1			0.0
94			0.1			0.0
93			0.1			0.0
92			0.0			0.0
91			0.0			0.0
90			0.0			0.0
89			0.1		-0.1	0.1
88			0.0		-0.1	0.0
87			0.0		-0.1	0.0
86			0.0		0.0	0.1
85		0.0	0.1		0.0	0.1
84		-0.1	0.1		0.0	0.2
83		-0.1	0.1		0.1	0.1
82		-0.2	0.1		0.1	0.2
81	0.0	-0.2	0.0		0.2	0.2
80	0.1	-0.1	0.0		0.2	0.2
79	0.1	-0.1	0.0		0.2	0.2
78	0.1	-0.2	0.0		0.1	0.2
77	0.0	-0.1	-0.1		0.0	0.2
76	0.0	-0.1	0.0		0.1	0.1
75	0.2	0.0	-0.1		0.0	0.1
74	0.1	-0.1	-0.1		0.1	0.1
73	0.1	0.0	-0.1		0.0	0.1
72	0.1	0.1	-0.1		0.0	0.2
71	0.1	0.0	-0.1		-0.1	0.1
70	0.1	0.0	0.0		0.0	0.2
69	0.0	0.0	0.0		-0.1	0.1
68	0.0	-0.1	0.0		-0.1	0.2
67	-0.1	-0.1	0.0		-0.1	0.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	IIRS DIFF	STEP11 DIFF	SPA DIFF	SAT DIFF
66	0.0	-0.2	0.0		-0.1	0.2
65	0.0	-0.1	0.0		-0.1	0.2
64	0.0	0.0	0.0		-0.1	0.1
63	0.1	0.0	0.0		-0.1	0.1
62	0.1	-0.2	0.0		-0.1	0.1
61	0.1	-0.1	0.0		0.0	0.0
60	0.0	-0.1	-0.1	0.0	-0.1	0.0
59	0.0	-0.1	-0.1	-0.1	-0.1	0.0
58	0.1	-0.2	-0.1	-0.2	-0.1	0.0
57	0.2	-0.1	-0.1	0.0	-0.1	0.0
56	0.0	-0.1	-0.1	0.0	0.0	0.0
55	0.0	-0.1	-0.1	0.0	-0.1	0.0
54	0.1	-0.1	0.0	0.0	0.0	0.0
53	0.1	-0.1	0.0	0.0	0.0	0.0
52	0.1	0.0	-0.1	0.1	0.0	0.0
51	0.1	0.0	0.0	0.0	0.0	0.0
50	0.1	0.0	0.0	0.0	0.0	0.0
49	0.1	-0.1	0.0	0.1	0.0	0.0
48	0.1	-0.1	0.1	0.1	0.1	0.0
47	0.1	0.0	0.0	0.1	0.1	0.0
46	0.2	0.0	0.0	0.2	0.1	0.0
45	0.2	0.0	0.0	0.2	0.1	0.0
44	0.2	0.1	0.0	0.2	0.0	0.0
43	0.1	0.1	0.1	0.2	0.0	0.0
42	0.1	0.1	0.0	0.0	0.0	0.1
41	0.1	0.1	0.1	0.0	0.1	0.1
40	0.1	0.1	0.1	0.0	0.1	0.1
39	0.1	0.1	0.1	0.0	0.1	0.1
38	0.1	0.1	0.1	0.0	0.1	0.1
37	0.1	0.1	0.1	0.0	0.1	0.1
36	0.1	0.1	0.1	0.0	0.1	0.2
35	0.1	0.1	0.1	0.0	0.1	0.1
34	0.2	0.1	0.1	0.1	0.1	0.2
33	0.2	0.0	0.1	0.1	0.1	0.2
32	0.2	0.0	0.1	0.0	0.1	0.2
31	0.2	0.0	0.0	0.0	0.1	0.2
30	0.1	-0.1	0.0	-0.1	0.1	0.1
29	0.1	0.0	-0.1	0.0	0.1	0.1
28	0.1	-0.1	0.0	0.1	0.1	0.2
27	0.0	-0.1	-0.1	0.1	0.1	0.2
26	0.0	-0.2	-0.1	0.1	0.1	0.2
25	0.0	-0.1	0.0	0.1	0.0	0.1
24	0.0	-0.1	0.1	0.1	0.0	0.1
23	0.0	-0.1	0.1	0.1	0.0	0.0
22	0.0	-0.1	0.0	0.0	-0.1	-0.1
21	0.1	-0.1	0.0	0.1	0.0	-0.1
20	0.1	-0.1	0.0	0.0	0.0	0.0
19	0.2	-0.1	0.1	0.0	0.1	-0.1
18	0.2	0.0	0.1	-0.1	0.1	-0.1
17	0.2	0.0	0.1	-0.1	0.2	-0.1
16	0.3	0.1	0.1	-0.1	0.1	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES CYCLE 2 - CYCLE 11 FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	LIPI DIFF	SICPII DIFF	SPA DIFF	SAT DIFF
15	0.2	0.1	0.0	0.1	0.1	-0.1
14	0.2	0.1	0.1	0.0	0.1	0.1
13	0.2	0.1	-0.1	0.1	0.1	0.1
12	0.2	0.1	0.0	0.1	0.1	0.1
11	0.1	0.1	-0.1	0.1	0.0	0.1
10	0.1	0.1	0.0	0.1	0.1	0.1
9	0.1	0.0	-0.1	0.1	0.0	0.0
8	0.0	0.0	0.0	0.1	0.0	0.1
7	0.0	0.0	0.0	0.0	0.1	0.1
6	0.0	0.0	0.0	0.1	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.1
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

2A SCORE	54T DIFF	CIPS DIFF	LIBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
117			0.0			
116			0.0			
115			0.0			
114			0.0			
113			0.0			
112			0.0			
111			0.0			
110			0.0			
109			0.0			
108			0.0			
107			0.0			
106			0.0			
105			0.0			
104			0.0			
103			0.0			
102			0.0			
101			0.0			
100			0.0			
99			0.0			
98			0.0			
97			0.0			
96			0.0			
95			0.0			
94			0.0			
93			0.0			
92			0.0			
91			0.0			
90			0.0			
89			0.0			
88			0.0			
87			0.0			
86			0.0			
85			0.0			
84			0.0			
83			0.0			
82			0.0			
81			0.0			
80			0.0			
79			0.0			
78			0.0			
77			0.0			
76			0.0			
75			0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAI DIFF	CIPS DIFF	ITPS DIFF	STRELL DIFF	SPA DIFF	SAT DIFF
66	0.1	0.0	0.0		0.0	-0.1
65	0.1	0.0	0.0		0.0	-0.1
64	0.1	0.0	0.0		0.0	-0.1
63	0.0	0.0	0.0		0.0	-0.1
62	0.0	0.0	0.0		0.0	-0.1
61	0.0	0.0	0.0		0.0	0.0
60	0.0	0.0	0.0		0.0	0.0
59	0.0	0.0	0.0		0.0	0.0
58	0.0	0.0	0.0		0.0	0.0
57	0.0	0.0	0.0		0.0	0.0
56	0.0	0.0	0.0		0.0	0.0
55	0.0	0.0	0.0		0.0	0.0
54	0.0	0.0	0.0		0.0	0.0
53	0.0	0.0	0.0		0.0	0.0
52	0.0	0.0	0.0		0.0	0.0
51	0.0	0.0	0.0		0.0	0.0
50	0.0	0.0	0.0		0.0	0.0
49	0.0	0.0	0.0		0.0	0.0
48	0.0	0.0	0.0		0.0	0.0
47	0.0	0.0	0.0		0.0	0.0
46	0.0	0.0	0.0		0.0	0.0
45	0.0	0.0	0.0		0.0	0.0
44	-0.1	-0.1	0.0	-0.2	0.0	0.0
43	-0.1	-0.1	0.0	-0.2	0.0	0.0
42	-0.1	-0.1	0.0	-0.2	0.0	0.0
41	-0.1	-0.1	0.0	-0.2	0.0	-0.1
40	-0.1	-0.1	0.0	-0.2	0.0	-0.1
39	-0.1	-0.1	0.0	-0.2	0.0	-0.1
38	-0.1	-0.1	0.0	-0.2	0.0	-0.1
37	-0.1	-0.1	0.0	-0.2	0.0	0.0
36	-0.1	-0.1	0.0	-0.2	0.0	0.0
35	-0.1	-0.1	0.0	-0.2	0.0	-0.2
34	-0.1	-0.1	0.0	-0.2	0.0	-0.2
33	-0.1	-0.1	0.0	-0.2	0.0	-0.1
32	-0.1	-0.1	0.0	-0.2	0.0	-0.1
31	-0.1	-0.1	0.0	-0.2	0.0	-0.1
30	-0.1	-0.1	0.0	-0.2	0.0	-0.1
29	-0.1	-0.1	0.0	-0.2	0.0	0.0
28	-0.1	-0.1	0.0	-0.2	0.0	0.0
27	-0.1	-0.1	0.0	-0.2	0.0	0.0
26	-0.1	-0.1	0.0	-0.2	0.0	0.0
25	-0.1	-0.1	0.0	-0.2	0.0	0.0
24	-0.1	-0.1	0.0	-0.2	0.0	0.0
23	-0.1	-0.1	0.0	-0.2	0.0	0.0
22	-0.1	-0.1	0.0	-0.2	0.0	0.0
21	-0.1	-0.1	0.0	-0.2	0.0	0.0
20	-0.1	-0.1	0.0	-0.2	0.0	0.0
19	-0.1	-0.1	0.0	-0.2	0.0	0.0
18	-0.1	-0.1	0.0	-0.2	0.0	0.0
17	-0.1	-0.1	0.0	-0.2	0.0	0.0
16	-0.1	-0.1	0.0	-0.2	0.0	0.0
15	-0.1	-0.1	0.0	-0.2	0.0	0.0
14	-0.1	-0.1	0.0	-0.2	0.0	0.0
13	-0.1	-0.1	0.0	-0.2	0.0	0.0
12	-0.1	-0.1	0.0	-0.2	0.0	0.0
11	-0.1	-0.1	0.0	-0.2	0.0	0.0
10	-0.1	-0.1	0.0	-0.2	0.0	0.0
9	-0.1	-0.1	0.0	-0.2	0.0	0.0
8	-0.1	-0.1	0.0	-0.2	0.0	0.0
7	-0.1	-0.1	0.0	-0.2	0.0	0.0
6	-0.1	-0.1	0.0	-0.2	0.0	0.0
5	-0.1	-0.1	0.0	-0.2	0.0	0.0
4	-0.1	-0.1	0.0	-0.2	0.0	0.0
3	-0.1	-0.1	0.0	-0.2	0.0	0.0
2	-0.1	-0.1	0.0	-0.2	0.0	0.0
1	-0.1	-0.1	0.0	-0.2	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RS SCORE	CAT DIFF	CIPS DIFF	UHS DIFF	STEP 1 DIFF	SEA DIFF	SAT DIFF
15	0.0	0.0	0.1	0.0	0.1	0.1
14	0.0	0.0	0.0	0.0	0.1	0.0
13	0.0	0.0	0.2	0.0	0.2	-0.1
12	0.0	0.0	0.1	0.0	0.1	-0.2
11	0.0	0.0	0.1	0.0	0.1	-0.1
10	0.0	0.0	0.1	0.0	0.1	-0.1
9	0.0	0.0	0.1	0.0	0.1	-0.1
8	0.0	0.0	0.1	0.0	0.1	-0.1
7	0.0	0.0	0.0	0.0	0.0	-0.1
6	0.0	0.0	0.0	0.0	0.1	0.0
5	0.0	0.0	0.0	0.0	0.0	-0.1
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	-0.1
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

PAR SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STEPX DIFF	SPA DIFF	SAT DIFF
117			0.0			
115			0.0			
114			0.0			
113			0.1			
112			0.1			0.0
111			0.1			0.0
110			0.1			0.0
109			0.0			0.0
108			0.0			0.0
107			0.0			0.1
106			0.0			0.0
105			0.0			0.0
104			0.0			0.0
103			0.0			0.1
102			0.0			0.1
101			0.0			0.1
100			0.0			0.1
99			0.0			0.1
98			0.0			0.1
97			0.0			0.1
96			0.0			0.1
95			0.0			0.0
94			0.0			0.0
93			0.0			0.1
92			0.0			0.0
91			-0.1			0.0
90			-0.1		0.1	0.0
89			-0.1		0.1	0.1
88			0.0		0.1	0.1
87			0.0		0.1	0.0
86			-0.1		0.1	0.0
85			0.0		0.0	0.0
84		0.0	0.0		0.0	0.0
83		0.1	0.0		0.1	0.0
82		0.1	0.0		0.0	0.0
81	0.0	0.1	0.0		0.0	0.1
80	0.1	0.1	0.0		0.0	0.1
79	0.1	0.1	0.0		0.0	0.1
78	0.0	0.0	-0.1		0.0	0.1
77	0.0	0.0	-0.1		0.0	0.1
76	0.1	0.0	0.0		0.0	0.1
75	-0.2	0.0	-0.1		0.0	0.1
74	-0.1	0.0	-0.1		0.0	0.1
73	0.0	0.0	0.0		0.0	0.0
72	0.0	0.0	0.0		0.0	0.1
71	0.0	0.0	0.0		0.0	0.0
70	0.0	0.0	0.0		0.0	0.0
69	0.0	0.0	0.0		0.0	0.0
68	0.0	0.0	0.0		0.0	0.0
67	0.0	0.0	0.0		0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITES DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
66	0.0	0.0	0.0		0.0	0.1
65	0.0	0.0	0.0		0.0	0.1
64	0.0	0.0	0.0		0.0	0.1
63	0.0	0.0	0.0		0.0	0.1
62	0.0	0.0	0.0		0.0	0.1
61	0.0	0.0	0.0		0.0	0.0
60	0.0	0.1	0.0	0.0	0.0	0.0
59	0.0	0.1	0.0	0.1	0.0	0.0
58	0.0	0.1	0.0	0.1	0.0	0.1
57	0.0	0.1	0.0	0.1	0.0	0.1
56	0.0	0.0	0.0	0.1	0.0	0.0
55	0.0	0.1	0.0	0.1	0.0	0.1
54	0.0	0.1	0.0	-0.2	0.0	0.1
53	0.0	0.1	0.0	-0.3	0.0	0.1
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.1
41	0.0	0.0	0.0	0.0	0.0	0.1
40	0.0	0.0	0.0	0.0	0.0	0.1
39	0.0	0.0	0.0	0.0	0.0	0.1
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	-0.1	0.0	0.0	0.0
28	0.0	-0.1	0.0	0.0	-0.1	0.0
27	-0.1	0.0	-0.1	0.0	-0.1	-0.1
26	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
25	-0.1	0.0	0.1	0.0	-0.1	-0.1
24	-0.1	0.0	0.0	0.0	-0.1	-0.1
23	0.0	0.0	0.0	0.0	-0.1	-0.1
22	0.0	0.0	0.0	0.0	-0.1	-0.1
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTPS DIFF	ALPS DIFF	STCPIA DIFF	SFA DIFF	SAT DIFF
15	C.C	C.C	C.C	0.0	C.C	0.0
14	C.C	C.C	C.1	0.0	0.0	0.0
13	C.C	C.C	C.1	-0.2	0.0	0.0
12	C.C	C.C	C.1	-0.2	0.0	0.0
11	C.C	C.C	C.1	-0.2	0.0	0.0
10	C.C	C.C	C.1	-0.2	0.0	0.0
9	C.C	C.C	C.1	-0.1	0.0	0.0
8	C.C	C.C	C.C	-0.1	0.0	0.0
7	C.C	C.C	C.C	-0.1	0.0	0.0
6	C.C	C.C	C.1	-0.1	0.0	0.0
5	C.C	C.C	C.C	0.0	0.0	0.0
4	C.C	C.C	C.C	-0.1	0.0	0.0
3	C.C	C.C	C.C	0.0	0.0	0.0
2	C.C	C.C	C.C	0.0	0.0	0.0
1	C.C	C.C	C.C	0.0	0.0	0.0
0	C.C	C.C	C.C	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 11) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTES DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
117			C.C			
116			C.C			
115			C.C			
114			C.C			
113			C.C			
112			C.C			0.0
111			C.C			0.0
110			C.C			0.0
109			C.C			0.0
108			-C.1			0.0
107			-C.1			-0.1
106			C.C			0.0
105			C.C			0.0
104			C.C			0.0
103			C.C			0.0
102			C.1			-0.1
101			C.C			0.0
100			C.C			0.0
99			-C.1			-0.2
98			-C.2			-0.1
97			-C.2			0.1
96			-C.2			0.1
95			-C.2			0.1
94			-C.2			0.1
93			-C.2			0.2
92			-C.2			0.3
91			-C.2			0.3
90			-C.3		0.0	0.3
89			-C.3		0.0	0.2
88			-C.4		-0.1	0.2
87			-C.3		0.0	0.3
86			-C.3		0.0	0.3
85		-1.2	-C.3		-0.1	0.3
84		-C.9	-C.3		-0.1	0.2
83		-C.4	-C.3		-0.1	0.2
82		C.0	-C.3		-0.1	0.2
81	C.0	C.1	-C.3		0.0	0.2
80	C.1	C.2	-C.3		0.0	0.2
79	C.1	C.3	-C.3		0.0	0.2
78	C.1	C.3	-C.3		-0.2	0.2
77	C.1	C.3	-C.3		-0.2	0.1
76	C.1	C.4	-C.3		-0.1	0.1
75	C.1	C.2	-C.3		-0.1	0.1
74	C.1	C.2	-C.2		-0.1	0.1
73	C.0	C.1	-C.1		0.0	0.0
72	-C.1	C.1	C.0		0.0	0.0
71	-C.2	C.1	C.0		0.1	0.0
70	-C.2	C.1	C.0		0.1	0.0
69	-C.3	C.1	-C.1		0.1	0.0
68	-C.3	C.1	-C.1		0.1	0.0
67	-C.2	C.0	C.0		0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 10) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

R/R SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STEPS DIFF	SPR DIFF	SAT DIFF
66	-0.3	0.2	0.0		0.3	0.0
65	-0.2	0.2	0.1		0.3	0.0
64	-0.1	0.1	0.1		0.3	0.0
63	-0.1	0.0	0.2		0.2	0.0
62	-0.1	0.1	0.2		0.2	0.1
61	-0.1	0.2	0.2		0.3	0.1
60	0.0	0.1	0.2	0.0	0.3	0.2
59	-0.1	0.1	0.2	0.0	0.3	0.1
58	0.0	0.1	0.1	-0.1	0.2	0.1
57	-0.1	0.1	0.2	-0.1	0.2	0.2
56	-0.1	0.1	0.1	0.1	0.3	0.2
55	-0.2	0.2	0.1	0.1	0.2	0.3
54	-0.1	0.1	0.2	0.1	0.2	0.3
53	-0.1	0.2	0.1	0.1	0.2	0.3
52	-0.1	0.3	0.1	0.0	0.1	0.1
51	-0.1	0.3	0.2	0.0	0.2	0.2
50	-0.2	0.3	0.2	0.0	0.3	0.1
49	-0.3	0.3	0.2	-0.2	0.3	0.2
48	-0.3	0.2	0.3	-0.3	0.4	0.2
47	-0.2	0.2	0.3	-0.3	0.4	0.2
46	-0.3	0.2	0.3	-0.3	0.3	0.1
45	-0.2	0.2	0.3	-0.2	0.4	0.1
44	-0.3	0.2	0.3	-0.1	0.3	0.1
43	-0.3	0.1	0.2	-0.1	0.4	0.1
42	-0.3	0.1	0.1	-0.2	0.3	0.2
41	-0.4	0.1	0.1	-0.2	0.4	0.2
40	-0.4	0.2	0.0	-0.2	0.4	0.3
39	-0.4	0.2	0.0	-0.2	0.4	0.3
38	-0.3	0.1	0.0	-0.2	0.3	0.4
37	-0.2	0.2	0.0	-0.1	0.3	0.4
36	-0.1	0.2	0.0	-0.2	0.2	0.3
35	-0.1	0.2	0.0	-0.2	0.2	0.3
34	0.0	0.2	0.0	-0.2	0.3	0.2
33	-0.1	0.2	0.0	-0.2	0.3	0.2
32	-0.1	0.2	-0.1	-0.2	0.2	0.3
31	-0.1	0.1	-0.1	-0.2	0.2	0.4
30	-0.2	0.1	-0.1	-0.3	0.1	0.4
29	-0.2	0.1	-0.1	-0.3	0.1	0.4
28	-0.2	0.1	-0.1	-0.3	0.0	0.3
27	-0.1	0.1	-0.1	-0.4	0.0	0.2
26	0.0	0.1	-0.1	-0.4	0.0	0.2
25	-0.1	0.1	-0.1	-0.4	-0.1	0.1
24	0.0	0.2	-0.2	-0.3	-0.1	0.1
23	0.1	0.2	-0.2	-0.3	-0.1	0.2
22	0.0	0.1	-0.2	-0.3	-0.1	0.3
21	0.0	0.2	-0.2	-0.3	-0.1	0.1
20	0.1	0.1	-0.2	-0.3	0.0	0.1
19	0.1	0.1	-0.2	-0.3	0.0	0.2
18	0.2	0.1	-0.2	-0.2	-0.1	0.2
17	0.2	0.1	-0.3	-0.2	-0.1	0.2
16	0.3	0.1	-0.3	-0.2	-0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CHS DIFF	IRS DIFF	STCII DIFF	SRA DIFF	SAT DIFF
19	0.1	-0.1	-0.3	-0.3	-0.1	0.1
18	0.0	-0.2	-0.3	-0.3	-0.2	-0.1
17	-0.1	-0.3	-0.4	-0.3	-0.3	-0.2
16	-0.2	-0.3	-0.4	-0.2	-0.3	-0.2
15	-0.3	-0.4	-0.5	-0.2	-0.4	-0.2
14	-0.4	-0.5	-0.6	-0.3	-0.5	-0.1
13	-0.5	-0.5	-0.6	-0.5	-0.6	-0.1
12	-0.6	-0.6	-0.7	-0.5	-0.7	0.0
11	-0.7	-0.7	-0.7	-0.7	-0.7	0.0
10	-0.8	-0.7	-0.8	-0.7	-0.8	0.0
9	-0.9	-0.8	-0.8	-0.5	-0.9	0.1
8	-1.0	-0.9	-0.9	-0.5	-1.0	0.0
7	-1.1	-1.0	-1.0	-1.1	-1.0	0.1
6	-1.2	-1.0	-1.0	-1.1	-1.1	0.1
5	-1.3	-1.0	-1.0	-1.1	-1.1	0.1
4	-1.4	-1.0	-1.0	-1.3	-1.3	0.2
3	-1.5	-1.1	-1.0	-1.3	-1.3	0.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CPS DIFF	ITPS DIFF	STEP II DIFF	SP. I DIFF	SAT DIFF
117			C.0			
116			C.0			
115			C.0			
114			C.0			
113			C.1			0.0
112			C.0			0.0
111			C.1			0.0
110			C.1			0.0
109			C.1			0.0
108			C.1			0.0
107			C.1			0.1
106			C.0			0.1
105			C.0			0.1
104			C.1			0.1
103			C.1			0.0
102			C.1			0.0
101			C.1			0.1
100			C.1			0.1
99			C.0			0.1
98			C.0			0.1
97			C.0			0.1
96			C.0			0.1
95			C.0			0.1
94			C.0			0.1
93			C.0			0.0
92			C.0			0.0
91			C.0		0.0	0.0
90			C.1		0.0	0.0
89			C.1		0.0	0.0
88			C.1		0.0	0.0
87			C.1		0.0	0.0
86			C.0		0.0	0.0
85		C.0	C.0		0.0	0.0
84		C.0	C.0		0.0	0.1
83		C.0	C.0		0.0	0.0
82		C.0	C.0		0.0	0.0
81	0.0	C.1	C.0		0.0	0.0
80	0.1	C.0	C.0		0.0	-0.1
79	0.1	C.0	C.0		0.0	-0.1
78	0.1	C.0	C.1		0.0	-0.1
77	0.0	C.0	C.1		0.0	-0.1
76	0.0	C.0	C.1		0.0	-0.1
75	0.0	C.0	C.1		0.0	-0.1
74	0.0	C.0	C.0		0.0	-0.1
73	0.0	C.0	C.0		-0.1	0.0
72	0.0	C.0	C.1		0.0	0.0
71	0.0	C.0	C.1		-0.1	-0.1
70	0.0	C.0	C.1		-0.1	-0.1
69	0.0	C.0	C.0		-0.1	-0.1
68	0.0	C.1	C.0		0.0	-0.0
67	0.0	C.1	C.0		0.0	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CI05 DIFF	LI05 DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
66	0.0	-0.2	0.0		-0.1	0.0
65	0.0	-0.2	-0.1		-0.1	0.0
64	0.0	-0.1	0.0		-0.1	0.0
63	0.0	-0.0	-0.1		0.0	0.0
62	0.0	-0.1	-0.1		0.0	0.0
61	0.0	-0.2	-0.1		0.0	0.0
60	-0.1	-0.1	-0.1	0.0	-0.1	0.0
59	-0.1	0.0	-0.1	0.1	-0.1	0.0
58	0.0	0.0	-0.1	0.3	-0.1	0.0
57	0.1	0.0	-0.1	0.1	0.0	0.0
56	0.0	0.0	0.0	0.0	-0.1	0.0
55	0.0	0.0	-0.1	-0.1	0.0	-0.1
54	-0.1	0.0	-0.1	0.0	0.0	-0.1
53	0.1	0.0	-0.1	0.0	0.0	-0.1
52	0.1	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	-0.1	0.0	0.0	0.0
50	0.1	0.0	-0.1	0.0	0.0	-0.1
49	0.0	0.0	0.0	0.0	0.0	-0.2
48	0.1	0.0	-0.1	0.0	0.0	-0.2
47	0.1	-0.1	-0.1	0.1	-0.1	-0.1
46	0.1	-0.1	-0.1	0.1	0.0	0.0
45	0.1	-0.1	-0.1	0.0	-0.1	0.0
44	0.1	0.0	-0.1	0.0	-0.1	0.0
43	0.1	0.0	-0.1	0.0	-0.1	0.0
42	0.0	0.0	0.0	0.1	-0.1	0.0
41	0.1	0.0	0.0	0.0	-0.1	0.0
40	0.1	0.0	0.0	0.0	-0.1	0.0
39	0.1	0.0	0.0	-0.1	-0.1	0.0
38	0.1	0.1	0.0	0.0	-0.1	0.0
37	0.1	0.0	0.1	-0.1	-0.1	-0.1
36	0.1	0.0	0.1	0.0	0.0	0.0
35	0.1	0.0	0.0	0.0	0.0	-0.1
34	0.0	-0.1	0.1	0.0	0.0	-0.1
33	0.1	0.0	0.0	0.0	0.0	-0.1
32	0.0	-0.1	0.1	0.0	0.0	-0.1
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.1	0.0	0.1	0.0	0.0	0.0
29	0.1	0.0	0.1	-0.1	0.0	0.0
28	0.2	0.0	0.1	-0.1	0.1	0.1
27	0.1	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.1	0.1
25	0.1	0.0	0.0	0.1	0.1	0.1
24	0.0	-0.1	0.1	0.1	0.1	0.0
23	-0.1	-0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.0
21	0.1	0.1	0.1	0.1	0.1	0.2
20	0.1	0.0	0.1	0.1	0.1	0.2
19	0.1	0.0	0.1	0.1	0.0	0.1
18	0.1	0.0	0.2	0.0	0.1	0.0
17	0.1	0.0	0.2	0.0	0.1	0.0
16	0.2	0.1	0.2	0.0	0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	IIRS DIFF	STEP II DIFF	SRI DIFF	SAT DIFF
15	0.2	0.2	0.2	0.1	0.1	0.0
14	0.2	0.2	0.2	0.1	0.1	0.1
13	0.1	0.2	0.2	0.1	0.1	0.1
12	0.1	0.1	0.2	0.2	0.1	0.0
11	0.1	0.1	0.2	0.3	0.1	-0.1
10	0.1	0.1	0.2	0.3	0.1	-0.3
9	0.1	0.1	0.2	0.3	0.1	-0.4
8	0.0	0.1	0.1	0.2	0.1	-0.6
7	0.0	0.1	0.1	0.2	0.0	-0.7
6	0.0	0.1	0.1	0.1	0.0	-0.8
5	0.0	0.1	0.1	0.1	0.0	-1.0
4	0.0	0.1	0.1	0.0	0.0	-1.1
3	0.0	0.1	0.1	0.0	0.0	-1.3
2	0.0	0.1	0.1	-0.1	0.0	-1.4
1	0.0	-0.1	-0.1	-0.1	0.0	-1.6
0	-0.1	-0.1	-0.1	-0.2	0.0	-1.7

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 TOTAL
DATA ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	IIES DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
117			C.O			
116			C.O			
115			C.O			
114			C.O			
113			C.O			
112			-C.O			0.0
111			C.O			0.0
110			-C.O			0.0
109			-C.O			0.0
108			-C.O			0.0
107			C.O			0.0
106			C.O			-C.O
105			C.O			-C.O
104			C.O			-C.O
103			C.O			0.0
102			C.O			0.0
101			C.O			0.0
100			C.O			-C.O
99			C.O			-C.O
98			C.O			0.1
97			C.O			0.1
96			C.O			0.1
95			C.O			0.1
94			C.O			C.O
93			C.O			0.1
92			C.O			0.0
91			C.O			-C.O
90			-C.O		0.0	-C.O
89			-C.O		0.0	0.0
88			-C.O		0.0	0.0
87			-C.O		0.1	0.0
86			C.O		0.1	0.0
85		C.O	C.O		0.0	0.0
84		C.O	C.O		0.0	0.0
83		-C.O	C.O		0.0	0.1
82		-C.O	C.O		0.0	0.0
81	C.O	C.O	C.O		0.0	0.0
80	-C.O	C.O	C.O		0.0	0.1
79	C.O	-C.O	C.O		0.0	0.1
78	C.O	C.O	C.O		0.0	0.1
77	-C.O	C.O	C.O		0.0	0.1
76	C.O	C.O	C.O		0.0	0.0
75	C.O	C.O	C.O		0.0	0.0
74	C.O	C.O	C.O		0.0	0.0
73	C.O	C.O	C.O		0.1	0.0
72	C.O	C.O	C.O		0.0	0.0
71	C.O	C.O	C.O		0.1	0.1
70	C.O	C.O	C.O		0.0	0.0
69	C.O	C.O	C.O		0.0	0.0
68	C.O	C.O	C.O		0.1	0.0
67	C.O	C.O	C.O		0.0	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 TOTAL
 RAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	ITRS DIFF	STEPIL DIFF	SRA DIFF	SAT DIFF
66	0.0	0.0	0.0		0.0	0.0
65	0.0	0.0	0.0		0.0	0.0
64	0.0	0.0	0.0		0.0	0.0
63	0.0	0.0	0.0		0.1	0.0
62	0.0	0.0	0.0		0.1	0.0
61	0.0	0.0	0.0		0.1	0.0
60	0.0	0.0	0.0	0.0	0.1	0.0
59	0.0	0.0	0.0	-0.1	0.1	0.0
58	0.0	0.0	0.0	-0.3	0.1	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	-0.2	0.1	0.0
53	-0.1	0.0	0.1	-0.1	0.0	0.0
52	-0.1	0.0	0.0	0.0	0.1	0.0
51	0.0	0.0	0.1	0.0	0.0	0.0
50	-0.1	0.0	0.1	0.0	0.0	0.1
49	0.0	0.0	0.0	0.0	0.0	0.1
48	-0.1	0.0	0.1	0.0	0.0	0.1
47	-0.1	0.0	0.1	0.0	0.1	0.0
46	-0.1	0.0	0.1	0.0	0.0	0.0
45	-0.1	0.1	0.1	0.0	0.1	0.0
44	-0.1	0.0	0.1	0.0	0.1	0.0
43	-0.2	0.1	0.1	0.0	0.0	0.0
42	-0.1	0.1	0.0	0.0	0.0	-0.1
41	-0.1	0.1	0.0	0.0	0.0	-0.1
40	-0.1	0.0	0.1	0.0	0.0	-0.1
39	0.0	0.0	0.1	0.0	0.0	0.0
38	0.0	0.0	0.1	0.0	0.1	-0.1
37	0.0	0.0	0.0	0.0	0.1	0.0
36	0.0	0.0	0.0	0.0	0.1	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	-0.1	0.0	0.0	0.1
33	0.0	0.0	-0.1	0.0	0.0	0.1
32	0.0	0.0	-0.1	0.0	0.0	0.1
31	0.0	0.0	-0.1	0.0	0.0	0.1
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.1	0.0	0.0
26	0.0	0.0	0.1	0.1	0.0	0.0
25	0.0	0.1	0.1	0.0	0.0	0.0
24	0.1	0.1	0.0	0.0	0.0	0.0
23	0.1	0.1	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.1	0.0	0.0	-0.1
20	0.1	0.1	0.1	0.0	-0.1	0.0
19	0.2	0.2	0.1	0.1	0.1	0.1
18	0.1	0.2	0.1	0.1	0.1	0.1
17	0.1	0.2	0.1	0.1	0.1	0.1
16	0.0	0.1	0.1	0.1	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

R/A SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SP DIFF	SAT DIFF
15	0.0	0.1	0.0	0.0	0.0	-0.1
14	0.0	0.0	0.0	0.0	0.0	-0.1
13	0.0	0.0	0.0	0.1	0.0	-0.1
12	0.0	0.1	0.0	0.0	0.0	-0.1
11	0.0	0.1	0.0	-0.1	0.0	-0.2
10	0.0	0.1	0.0	0.0	0.0	-0.1
9	0.0	0.1	0.0	0.0	0.0	-0.1
8	0.0	0.0	0.0	0.0	0.0	-0.1
7	0.0	0.0	0.0	0.0	0.0	-0.1
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.1
2	0.0	0.0	0.0	0.0	0.0	0.1
1	0.0	0.0	0.0	0.0	0.0	0.1
0	0.0	0.0	0.0	0.0	0.0	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

PM SCORE	CAT DIFF	CPS DIFF	IES DIFF	STEP II DIFF	SEA DIFF	SAT DIFF
117			0.0			
118			0.0			
119			0.0			
120			0.0			
121			0.1			0.0
122			0.0			0.0
123			0.1			0.0
124			0.1			0.0
125			0.1			0.0
126			0.1			0.0
127			0.1			0.0
128			0.1			0.0
129			0.1			0.0
130			0.0			0.0
131			0.0			0.0
132			0.0			0.0
133			0.0			0.0
134			0.0			0.0
135			0.0			0.0
136			0.0			0.0
137			0.0			0.0
138			0.0			0.0
139			0.0			0.0
140			0.0			0.0
141			0.0			0.0
142			0.0			0.0
143			0.0			0.0
144			0.0			0.0
145			0.0			0.0
146			0.0			0.0
147			0.0			0.0
148			0.0			0.0
149			0.0			0.0
150			0.0			0.0
151			0.0			0.0
152			0.0			0.0
153			0.0			0.0
154			0.0			0.0
155			0.0			0.0
156			0.0			0.0
157			0.0			0.0
158			0.0			0.0
159			0.0			0.0
160			0.0			0.0
161			0.0			0.0
162			0.0			0.0
163			0.0			0.0
164			0.0			0.0
165			0.0			0.0
166			0.0			0.0
167			0.0			0.0
168			0.0			0.0
169			0.0			0.0
170			0.0			0.0
171			0.0			0.0
172			0.0			0.0
173			0.0			0.0
174			0.0			0.0
175			0.0			0.0
176			0.0			0.0
177			0.0			0.0
178			0.0			0.0
179			0.0			0.0
180			0.0			0.0
181			0.0			0.0
182			0.0			0.0
183			0.0			0.0
184			0.0			0.0
185			0.0			0.0
186			0.0			0.0
187			0.0			0.0
188			0.0			0.0
189			0.0			0.0
190			0.0			0.0
191			0.0			0.0
192			0.0			0.0
193			0.0			0.0
194			0.0			0.0
195			0.0			0.0
196			0.0			0.0
197			0.0			0.0
198			0.0			0.0
199			0.0			0.0
200			0.0			0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 TOTAL
PAIS ANALYSIS

8A SCORE	CM1 DIFF	CTDS DIFF	ITPS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
69	0.0	0.1	0.0		0.0	0.0
68	0.0	0.1	0.0		0.1	0.0
67	0.0	0.0	0.0		0.1	0.0
66	0.0	0.0	0.0		-0.1	0.0
65	0.0	0.0	0.0		-0.1	0.0
64	0.1	0.0	0.0	0.0	-0.1	0.0
63	0.1	0.0	0.1	0.1	-0.1	0.0
62	0.0	0.0	0.0	0.3	-0.1	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 5 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	C105 DIFF	I05 DIFF	STEP1 DIFF	SAT DIFF	SAT DIFF
15	-0.1	-0.1	0.0	-0.2	-0.1	0.0
14	-0.1	-0.1	0.0	-0.1	-0.1	0.0
13	-0.1	-0.1	0.0	-0.1	-0.1	0.0
12	-0.1	-0.1	0.0	0.0	-0.1	0.0
11	-0.1	-0.1	0.0	0.0	-0.1	0.0
10	-0.1	-0.1	0.0	-0.1	-0.1	0.0
9	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
8	0.0	0.0	0.0	-0.1	-0.1	0.0
7	0.0	0.0	0.0	-0.1	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.1	0.0	0.0	0.1	0.0	0.0

ANCHOR TEST EQUATING STUDY: VOCABULARY
MAIN ANALYSIS

SUSTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTRS DIFF	ITBS DIFF	STEPIT DIFF	SRA DIFF	SAT DIFF
44	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	-0.1
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	-0.1	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	-0.1
43	0.0	0.0	-0.1	0.0	0.0	0.0
42	0.0	0.0	-0.1	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	-0.1
40	-0.1	-0.1	-0.1	0.0	0.0	-0.1
39	-0.1	0.0	0.0	0.0	0.0	0.0
38	-0.1	0.0	-0.1	0.0	0.1	-0.1
37	-0.1	-0.1	0.0	0.0	0.1	-0.1
36	-0.1	0.0	-0.1	0.0	0.0	0.0
35	-0.1	0.0	-0.1	0.0	0.0	-0.1
34	-0.1	-0.1	-0.1	0.0	0.0	-0.1
33	-0.2	0.0	-0.1	0.0	0.1	-0.1
32	-0.2	0.0	0.0	0.0	0.1	0.0
31	-0.2	0.0	-0.1	0.0	0.1	-0.1
30	-0.2	0.0	0.0	-0.1	0.0	-0.1
29	-0.2	0.0	-0.1	-0.1	0.0	-0.1
28	-0.2	0.0	-0.1	-0.1	0.1	-0.1
27	-0.2	0.0	-0.1	-0.1	0.1	-0.1
26	-0.2	-0.1	-0.1	-0.1	0.1	0.0
25	-0.2	0.0	-0.1	-0.1	0.1	-0.1
24	-0.2	0.0	-0.1	-0.1	0.0	-0.1
23	-0.2	0.0	-0.1	0.0	0.0	-0.1
22	-0.2	0.0	-0.1	-0.1	0.1	-0.1
21	-0.3	0.0	0.0	0.0	0.1	-0.1
20	-0.2	0.0	-0.1	0.0	0.1	-0.1
19	-0.2	0.0	-0.1	0.0	0.0	-0.1
18	-0.2	0.0	-0.1	0.0	0.0	-0.1
17	-0.2	0.0	-0.1	0.0	0.1	-0.1
16	-0.2	0.0	-0.1	0.0	0.1	-0.1
15	-0.2	0.1	-0.1	0.1	0.1	-0.2
14	-0.2	0.0	-0.1	0.0	0.1	-0.1
13	-0.2	0.0	-0.1	0.1	0.0	-0.2
12	-0.2	0.1	-0.1	0.1	0.1	-0.1
11	-0.2	0.0	-0.1	0.1	0.1	-0.1
10	-0.2	0.1	-0.1	0.1	0.1	-0.1
9	-0.3	0.1	-0.1	0.1	0.1	-0.2
8	-0.3	0.0	-0.1	0.1	0.1	-0.1
7	-0.3	0.1	-0.1	0.1	0.1	-0.1
6	-0.3	0.1	-0.1	0.1	0.1	-0.2
5	-0.3	0.0	-0.2	0.1	0.1	-0.1
4	-0.3	0.1	-0.1	0.2	0.1	-0.1
3	-0.3	0.1	-0.1	0.1	0.1	-0.1
2	-0.3	0.1	-0.1	0.2	0.2	-0.1
1	-0.3	0.1	-0.1	0.1	0.1	-0.1
0	-0.2	0.1	-0.1	0.2	0.1	-0.2

ANCHOR TEST EQUATING STUDY: VOCABULARY
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTPS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
49	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: VOCABULARY
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAY EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAN SCORE	CAT DIFF	CTSS DIFF	ITBS DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	-0.2	0.0	0.0	0.0
45	0.0	0.0	-0.1	0.0	0.0	0.0
44	0.0	0.0	-0.1	0.0	0.0	0.0
43	0.0	0.0	-0.2	0.0	0.0	0.0
42	0.0	0.0	-0.1	0.0	-0.1	-0.1
41	0.0	0.0	-0.1	0.0	-0.1	0.0
40	-0.1	0.0	-0.2	0.0	-0.1	-0.1
39	-0.2	0.0	-0.1	0.0	-0.1	0.0
38	-0.2	0.0	-0.1	0.0	0.0	-0.1
37	-0.2	0.0	-0.1	0.0	0.0	0.0
36	-0.1	0.0	-0.1	0.0	0.0	0.0
35	-0.1	0.0	-0.1	0.0	0.1	-0.1
34	-0.1	0.0	-0.1	0.0	-0.1	0.0
33	-0.2	0.0	-0.1	0.0	-0.1	-0.1
32	-0.2	0.1	-0.1	0.0	0.0	0.0
31	-0.2	0.0	-0.1	0.0	0.0	-0.1
30	-0.1	0.1	-0.2	-0.1	0.0	0.0
29	-0.1	0.0	-0.1	-0.2	0.0	-0.1
28	-0.1	0.1	-0.1	-0.2	0.0	-0.1
27	-0.2	0.0	-0.1	-0.2	0.0	0.0
26	-0.2	0.0	-0.1	-0.2	-0.1	0.0
25	-0.2	0.1	-0.1	-0.2	0.0	0.0
24	-0.1	0.0	-0.1	-0.3	0.0	0.0
23	-0.1	0.1	-0.1	-0.2	0.0	0.0
22	-0.1	0.0	-0.1	-0.2	0.0	-0.1
21	-0.1	0.1	-0.1	-0.2	0.0	-0.1
20	-0.2	0.0	-0.1	-0.2	0.1	-0.1
19	-0.2	0.1	-0.1	-0.2	0.0	-0.1
18	-0.1	0.1	-0.1	-0.3	0.0	-0.1
17	-0.1	0.1	-0.1	-0.3	0.0	-0.1
16	-0.1	0.1	-0.1	-0.3	0.0	0.0
15	-0.1	0.1	-0.1	-0.3	0.0	-0.1
14	-0.2	0.1	-0.1	-0.2	0.1	0.0
13	-0.2	0.1	-0.1	-0.2	0.1	-0.1
12	-0.1	0.1	-0.1	-0.3	0.1	-0.1
11	-0.1	0.1	-0.1	-0.3	0.0	-0.1
10	-0.1	0.1	-0.1	-0.3	0.0	-0.1
9	-0.1	0.2	-0.1	-0.3	0.0	-0.1
8	-0.2	0.1	-0.1	-0.3	0.1	-0.1
7	-0.2	0.2	-0.1	-0.4	0.1	0.0
6	-0.2	0.1	-0.1	-0.4	0.1	-0.1
5	-0.1	0.2	-0.1	-0.4	0.1	-0.1
4	-0.1	0.1	0.0	-0.3	0.1	-0.1
3	-0.2	0.2	-0.1	-0.3	0.1	-0.1
2	-0.2	0.2	-0.1	-0.3	0.1	-0.1
1	-0.2	0.2	-0.1	-0.4	0.1	-0.1
0	-0.2	0.2	-0.1	-0.4	0.1	-0.1

ANCHOR TEST EQUATING STUDY: VOCABULARY
MAIN ANALYSIS

SURTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 1 GRADE 6 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	STA DIFF	SAT DIFF
50						
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.1			0.0
44			0.0			0.1
43			0.0			0.1
42			0.0		0.0	0.1
41			0.0		0.0	0.1
40	0.0	0.0	0.0		0.0	0.1
39	0.0	0.0	0.0		-0.1	0.1
38	0.0	-0.1	0.0		-0.1	0.1
37	0.0	0.0	0.0		0.0	0.1
36	0.0	-0.1	0.0		0.1	0.0
35	0.0	0.0	-0.1		0.0	-0.1
34	0.0	0.0	0.0		0.0	-0.1
33	0.0	-0.1	-0.2		0.0	-0.1
32	0.0	0.0	-0.2		0.0	-0.1
31	0.0	-0.1	-0.2		0.1	-0.2
30	-0.1	-0.1	-0.2	0.0	0.1	-0.1
29	-0.1	-0.2	-0.2	0.0	0.0	-0.1
28	-0.1	-0.1	-0.1	0.0	0.0	-0.1
27	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
26	-0.2	-0.3	0.0	-0.1	0.1	-0.1
25	-0.2	-0.2	0.0	-0.1	0.2	-0.1
24	-0.2	-0.2	0.0	0.0	0.2	0.0
23	-0.3	-0.1	0.0	0.0	0.2	0.0
22	-0.3	-0.1	0.0	0.0	0.1	0.0
21	-0.3	0.0	0.0	0.0	0.2	0.1
20	-0.2	0.0	0.0	0.0	0.2	0.2
19	-0.2	0.0	0.0	0.0	0.2	0.0
18	-0.2	0.1	0.0	-0.1	0.2	0.0
17	-0.2	0.1	0.0	-0.1	0.2	0.0
16	-0.3	0.1	-0.1	-0.1	0.1	0.0
15	-0.3	0.1	-0.1	-0.1	0.1	-0.1
14	-0.4	0.2	-0.1	-0.1	0.0	-0.1
13	-0.5	0.0	-0.2	0.0	-0.1	0.1
12	-0.3	0.0	-0.2	-0.1	0.0	0.1
11	-0.2	0.1	-0.1	-0.1	-0.1	0.1
10	-0.1	0.2	-0.2	-0.2	-0.1	0.1
9	0.0	0.0	-0.1	-0.1	-0.1	0.1
8	0.0	-0.2	0.0	-0.1	-0.1	0.3
7	0.0	-0.2	0.1	0.1	-0.1	0.2
6	-0.3	-0.2	0.1	0.1	-0.1	0.1
5	-0.2	-0.1	0.4	0.1	-0.3	0.1
4	0.0	-0.1	0.7	0.1	-0.5	0.1
3	-0.1	-0.2	1.0	0.1	-0.7	0.1
2	-0.2	-0.1	1.4	0.1	-1.0	0.1
1	-0.1	0.0	0.3	0.1	-1.2	0.1
0	-0.1	0.0	0.0	0.1	-0.2	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	IRBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
50						0.0
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.0
43			0.0			0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	-0.1
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.1	0.0
33	0.0	0.0	0.1		0.1	0.1
32	0.0	0.0	0.1		0.1	0.1
31	0.0	0.0	0.1		-0.1	0.1
30	0.0	0.0	0.0	0.0	-0.1	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.1	0.1	0.0	0.0	0.0	0.0
26	0.1	0.1	-0.1	0.1	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.1	0.0	0.0	0.0	0.0	0.1
22	0.1	0.0	0.0	0.0	0.0	0.1
21	0.1	0.0	0.0	0.0	-0.1	0.1
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.1	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	-0.1	0.0
17	0.0	0.0	0.0	0.0	-0.1	0.0
16	0.0	0.0	-0.1	0.0	-0.1	0.0
15	0.0	0.0	-0.2	0.0	0.0	0.0
14	0.1	0.0	-0.1	0.1	0.0	0.0
13	0.2	0.0	-0.1	0.0	0.0	0.0
12	0.0	0.0	0.0	0.1	0.0	0.0
11	0.0	0.0	0.0	0.1	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	-0.1	0.0	0.0	0.0	0.0	0.0
8	-0.2	0.0	0.0	0.0	-0.1	0.0
7	-0.1	0.0	0.0	0.0	0.0	0.1
6	0.0	0.0	-0.1	0.0	0.0	0.1
5	0.0	-0.1	-0.4	0.0	0.1	0.1
4	0.0	0.0	-0.7	0.0	0.4	0.0
3	0.0	0.0	-1.0	0.0	0.7	0.0
2	0.0	0.0	-1.4	0.0	0.9	0.0
1	0.0	0.0	-0.3	0.0	1.2	0.0
0	0.0	0.0	0.0	0.0	0.2	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITPS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
50						
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.0
43			0.0			0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	-0.1	0.0	0.0	0.0	0.0
17	0.0	-0.1	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.7	0.0
14	0.0	0.0	0.0	-0.1	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	-0.1	0.0	0.0
11	0.0	0.0	0.0	-0.1	0.1	0.0
10	0.0	0.0	0.0	-0.1	0.1	0.0
9	0.0	0.0	0.0	-0.1	0.1	0.0
8	0.0	0.0	0.0	-0.1	0.1	0.0
7	0.0	0.0	0.0	-0.2	0.0	-0.1
6	0.0	0.0	0.1	-0.1	0.0	0.0
5	0.0	0.0	0.4	0.0	-0.1	0.0
4	0.0	0.0	0.7	0.0	-0.4	0.0
3	0.0	0.0	1.0	0.0	-0.7	0.0
2	0.0	0.0	1.4	0.0	-0.9	0.0
1	0.0	0.0	0.3	0.0	-1.2	0.0
0	0.0	0.0	0.0	0.0	-0.2	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 VOCABULARY MAIN ANALYSIS

RAW SCORE	CAT DIFF	C10S DIFF	ITDS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
50						0.0
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.0
43			0.0			0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 6 VOCABULARY

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITRS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
50						0.0
49						-0.2
48						-0.1
47						-0.1
46			0.0			-0.1
45			0.0			-0.1
44			0.0			-0.1
43			0.0			-0.1
42			0.0		0.0	-0.1
41			-0.2		-0.1	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		-0.1	0.0
38	0.0	-0.1	0.0		0.0	0.0
37	0.0	-0.1	0.0		-0.1	0.0
36	-0.1	-0.1	0.0		-0.1	-0.1
35	-0.1	0.0	0.0		-0.1	-0.2
34	-0.1	0.0	-0.2		0.0	-0.1
33	0.0	0.0	-0.1		0.0	0.0
32	0.0	0.0	0.0		-0.1	-0.1
31	0.0	0.1	-0.1		-0.1	-0.2
30	-0.1	0.1	-0.1	-0.1	0.0	-0.1
29	-0.2	0.0	-0.1	0.0	0.0	0.0
28	-0.1	0.1	0.0	-0.2	0.0	-0.1
27	-0.1	0.1	-0.2	-0.2	0.0	-0.1
26	-0.2	0.0	-0.2	-0.2	0.0	-0.1
25	-0.1	0.0	-0.1	0.0	0.0	-0.1
24	-0.1	0.1	0.0	-0.1	0.0	-0.1
23	-0.1	0.1	-0.1	-0.3	0.0	-0.1
22	-0.3	0.0	-0.1	-0.1	0.0	-0.1
21	-0.2	0.1	0.0	-0.3	0.0	-0.1
20	-0.2	0.1	0.0	0.0	0.0	-0.1
19	-0.2	0.0	0.1	-0.3	0.1	0.1
18	-0.2	0.1	0.0	-0.2	0.2	0.1
17	-0.2	0.1	0.0	-0.1	0.1	0.0
16	0.0	0.1	0.0	-0.2	0.1	-0.1
15	-0.1	0.3	0.1	-0.1	0.1	0.0
14	-0.1	0.3	0.2	-0.1	0.2	0.0
13	-0.1	0.2	0.1	-0.1	0.4	0.1
12	0.0	0.1	0.1	-0.2	0.2	0.1
11	0.0	0.2	0.1	-0.2	0.1	0.2
10	0.0	0.2	0.1	-0.2	0.1	0.1
9	-0.1	0.1	0.1	-0.1	0.0	0.2
8	-0.1	-0.1	0.2	0.0	0.1	0.0
7	0.1	0.0	0.2	0.0	0.0	0.1
6	0.1	0.1	0.2	-0.1	0.0	0.1
5	0.1	0.0	0.5	-0.1	0.0	0.3
4	0.0	-0.1	0.4	0.0	0.0	0.0
3	0.1	-0.1	0.2	0.0	0.0	0.2
2	0.0	0.0	0.1	-0.1	0.0	0.0
1	0.0	0.0	0.0	-0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTPS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
50						
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.1
43			0.0			0.0
42			0.0		0.0	0.0
41			0.1		0.1	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.1	0.0		0.0	0.0
37	0.0	0.1	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.1	0.0	0.0		0.0	0.1
34	0.0	0.0	0.1		0.0	0.0
33	0.0	0.0	0.1		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.1	0.0	0.1
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.1	0.0	0.0	0.2	0.1	0.0
27	0.0	-0.1	0.1	0.0	0.0	0.1
26	0.0	-0.1	0.1	0.0	0.0	0.1
25	0.1	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.1	0.0	0.1
23	0.0	0.0	0.1	0.0	0.0	0.1
22	0.1	0.1	0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	-0.1	0.0	-0.1	0.0	0.0
19	0.0	0.0	-0.1	0.0	-0.1	-0.1
18	0.0	-0.1	-0.1	0.0	-0.1	-0.1
17	0.0	-0.1	0.0	0.0	-0.1	0.0
16	-0.1	-0.1	0.0	-0.1	-0.1	0.0
15	0.0	-0.2	0.0	-0.1	0.0	-0.1
14	0.0	-0.2	-0.1	0.0	-0.1	-0.1
13	0.0	-0.1	0.0	0.0	0.0	0.0
12	-0.2	-0.1	0.0	0.0	0.0	0.0
11	-0.1	-0.3	0.0	0.0	0.0	0.0
10	0.0	-0.1	0.0	0.0	0.0	0.0
9	0.0	0.0	0.1	-0.1	0.0	0.0
8	0.0	0.0	0.0	-0.1	0.0	0.0
7	0.0	0.0	0.0	-0.1	0.0	0.0
6	0.0	0.0	0.0	-0.1	0.0	0.0
5	0.0	0.0	-0.2	-0.2	-0.1	0.0
4	0.0	0.0	-0.2	-0.2	-0.1	0.0
3	0.0	0.0	-0.1	-0.1	-0.1	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

AVG. TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 6 VOCABULARY
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTES DIFF	ITES DIFF	STEP II DIFF	SMA DIFF	SAT DIFF
50						0.0
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.0
43			0.0			0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 VOCABULARY
MAIN ANALYSIS

ROW SCALE	CAT DIFF	CTOS DIFF	ITPS DIFF	SIFPII DIFF	SRA DIFF	SAT DIFF
52						0.0
49						0.0
48						0.0
47						0.0
46			0.0			0.0
45			0.0			0.0
44			0.0			0.0
43			0.0			0.0
42			0.0		0.0	0.0
41			0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.1	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.1		0.0	0.0
33	0.0	0.0	0.1		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.1	-0.1	0.0	0.2	0.1	0.0
27	0.0	-0.1	0.1	0.2	0.0	0.0
26	0.0	0.0	0.1	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.1	0.0	0.1	0.1	0.0	0.0
23	0.1	0.0	0.1	0.0	0.0	0.0
22	0.1	0.0	0.1	0.0	0.0	0.0
21	0.0	0.0	0.1	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	-0.1	0.0	0.0	0.0	0.0
16	0.0	-0.1	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	-0.1	0.0	0.0	0.0	0.0	0.0
12	-0.1	0.0	0.0	0.1	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	0.0	0.0	0.1	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

PAM SCORE	CAT DIFF	CTBS DIFF	IRBS DIFF	STEP11 DIFF	SPA DIFF	SAT DIFF
76	0.0	0.0	0.1	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.1	0.0	0.0	0.0
73	0.0	0.0	0.1	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.1	0.0	0.0	0.0
70	0.0	0.0	0.1	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.1	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	-0.1
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	-0.1
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	-0.1
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	-0.1	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	-0.1	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	-0.1
46	0.0	0.0	-0.1	0.0	0.1	0.0
45	0.0	0.1	-0.1	0.0	0.1	0.0
44	0.0	0.1	-0.1	0.0	0.0	0.0
43	0.1	0.1	-0.1	0.0	0.1	0.0
42	0.0	0.1	0.0	0.0	0.0	0.0
41	0.0	0.0	-0.1	0.0	0.0	0.0
40	0.0	0.0	-0.1	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	-0.1	0.0	0.1	0.0
37	-0.1	0.1	-0.1	0.0	0.0	0.0
36	0.0	0.1	-0.1	0.0	0.0	0.0
35	0.0	0.1	-0.1	0.0	0.0	0.0
34	0.0	0.0	-0.1	0.0	0.0	0.0
33	-0.1	0.0	-0.1	0.0	0.0	0.1
32	-0.1	0.0	-0.1	0.0	0.0	0.0
31	0.0	0.0	-0.1	0.0	-0.1	0.0
30	-0.1	0.0	-0.1	0.0	0.0	0.1
29	-0.1	0.0	-0.1	0.0	0.0	0.0
28	-0.1	0.0	-0.1	-0.1	0.0	0.0
27	-0.1	0.0	-0.1	0.0	0.0	0.1
26	-0.1	0.0	-0.1	0.0	-0.1	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

PAY SCORE	CAT DIFF	CTRS DIFF	ITDS DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
25	-0.2	0.0	-0.1	-0.1	0.0	0.0
24	-0.1	0.0	-0.1	-0.1	-0.1	0.1
23	-0.1	0.0	-0.1	0.0	-0.1	0.0
22	-0.2	0.0	-0.1	-0.1	0.0	0.1
21	-0.2	0.0	-0.2	-0.1	-0.1	0.0
20	-0.1	-0.1	-0.2	0.0	0.0	0.0
19	-0.2	-0.1	-0.1	-0.1	-0.1	0.1
18	-0.2	0.0	-0.2	-0.1	-0.1	0.0
17	-0.2	0.0	-0.2	0.0	-0.1	0.0
16	-0.2	0.0	-0.1	-0.1	-0.1	0.1
15	-0.2	0.0	-0.2	-0.1	0.0	0.0
14	-0.2	0.0	-0.2	0.0	-0.1	0.0
13	-0.3	-0.1	-0.1	-0.1	-0.1	0.1
12	-0.2	-0.1	-0.2	-0.1	-0.1	0.0
11	-0.3	-0.1	-0.2	0.0	-0.1	0.1
10	-0.3	-0.1	-0.1	-0.1	-0.2	0.1
9	-0.3	0.0	-0.2	-0.1	-0.1	0.0
8	-0.3	0.0	-0.2	-0.1	-0.2	0.1
7	-0.3	0.0	-0.1	-0.1	-0.1	0.1
6	-0.3	-0.1	-0.2	-0.1	-0.1	0.0
5	-0.4	-0.1	-0.2	-0.1	-0.2	0.1
4	-0.3	-0.1	-0.2	-0.1	-0.1	0.1
3	-0.3	-0.1	-0.2	-0.1	-0.2	0.0
2	-0.4	-0.1	-0.2	-0.1	-0.1	0.1
1	-0.4	-0.1	-0.3	-0.1	-0.2	0.1
0	-0.3	0.0	-0.2	-0.1	-0.2	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITRS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.1	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	-0.1	0.0
45	0.0	-0.1	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.1	-0.1	0.1	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.1	0.0	0.0	0.0
32	0.1	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.1	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.1	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.1	0.0	0.0	0.0
19	0.0	0.1	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.1	0.0
17	0.1	0.0	0.1	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.1	0.0	0.0	0.0
13	0.1	0.0	0.0	0.0	0.1	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.1	0.0	0.0	0.0
10	0.1	0.1	0.0	0.0	0.1	0.0
9	0.1	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.1	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.1	0.0	0.0	0.0	0.0	0.0
5	0.1	0.0	0.0	0.1	0.1	0.0
4	0.0	0.0	0.1	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.1	0.1	0.0	0.1	0.0	0.0
1	0.1	0.1	0.1	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.1	0.0

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAY EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76	0.0	0.0	-0.2	0.0	0.0	0.0
75	0.0	0.0	-0.2	0.0	0.0	0.0
74	0.0	0.0	-0.2	0.0	0.0	0.0
73	0.0	0.0	-0.2	0.0	0.0	0.0
72	0.0	0.0	-0.1	0.0	0.0	0.0
71	0.0	0.0	-0.1	0.0	0.0	0.0
70	0.0	0.0	-0.1	0.0	0.0	0.0
69	0.0	0.0	-0.2	0.0	0.0	0.0
68	0.0	0.0	-0.2	0.0	0.0	0.0
67	0.0	0.0	-0.2	0.0	0.0	0.0
66	0.0	0.0	-0.2	0.0	0.0	0.0
65	0.0	0.0	-0.2	0.0	0.0	0.0
64	0.0	0.0	-0.2	0.0	0.0	-0.1
63	0.0	0.0	-0.2	0.0	0.0	-0.2
62	0.0	0.0	-0.2	0.0	0.0	-0.1
61	0.0	0.0	-0.2	0.0	0.0	-0.1
60	0.0	0.0	-0.2	0.0	0.0	-0.2
59	0.0	0.0	-0.1	0.0	0.0	-0.1
58	0.0	0.0	-0.1	0.0	0.0	-0.1
57	0.0	0.0	-0.1	0.0	0.0	-0.1
56	0.0	0.0	-0.1	0.0	0.0	-0.1
55	0.0	0.0	-0.1	0.0	0.0	-0.2
54	0.0	0.0	-0.1	0.0	0.0	-0.1
53	0.0	0.0	-0.1	0.0	0.0	-0.1
52	0.0	0.0	-0.1	0.0	0.0	-0.1
51	0.0	0.0	-0.1	0.0	0.0	-0.1
50	0.0	0.0	-0.1	0.0	0.0	0.0
49	0.0	0.0	-0.1	0.0	0.0	-0.1
48	0.0	0.0	-0.1	0.0	-0.1	-0.1
47	0.0	0.0	-0.1	0.0	-0.1	-0.1
46	0.0	0.0	-0.1	0.0	-0.1	-0.1
45	-0.6	-0.1	-0.1	0.0	-0.1	0.0
44	-0.5	0.0	-0.1	0.0	-0.1	-0.1
43	-0.5	0.0	-0.1	0.0	-0.1	-0.1
42	-0.5	0.0	-0.1	0.0	0.0	0.0
41	-0.5	0.0	-0.1	0.0	0.0	-0.1
40	-0.5	0.0	-0.1	0.0	0.0	0.0
39	-0.5	0.0	-0.1	0.0	0.0	-0.1
38	-0.5	0.0	-0.1	0.0	-0.1	-0.1
37	-0.4	0.1	-0.1	0.0	-0.1	0.0
36	-0.4	0.1	-0.1	0.0	-0.1	-0.1
35	-0.4	0.0	-0.1	0.0	0.0	0.0
34	-0.4	0.0	0.0	0.0	0.0	0.0
33	-0.4	0.0	0.0	0.0	0.0	-0.1
32	-0.4	0.0	0.0	0.0	0.0	0.0
31	-0.4	0.0	0.0	0.0	0.0	-0.1
30	-0.3	0.1	0.0	-0.1	0.0	0.0
29	-0.3	0.1	0.0	-0.1	0.0	0.0
28	-0.3	0.1	0.0	-0.1	0.1	-0.1
27	-0.3	0.1	0.0	-0.1	0.1	0.0
26	-0.3	0.1	0.0	-0.1	0.1	-0.1

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
25	-0.3	0.1	0.0	-0.2	0.1	0.0
24	-0.3	0.1	-0.1	-0.1	0.1	0.0
23	-0.2	0.1	-0.1	-0.1	0.1	0.0
22	-0.2	0.1	-0.1	-0.1	0.0	0.0
21	-0.2	0.1	0.0	-0.1	0.1	0.0
20	-0.2	0.1	0.0	-0.1	0.1	0.0
19	-0.2	0.1	0.0	-0.1	0.1	0.0
18	-0.2	0.1	0.0	-0.1	0.1	0.0
17	-0.2	0.1	0.0	-0.1	0.1	0.0
16	-0.2	0.1	0.0	0.0	0.1	0.0
15	-0.1	0.2	0.0	-0.1	0.1	0.0
14	-0.1	0.2	0.0	0.0	0.2	0.0
13	-0.1	0.2	0.0	-0.1	0.2	0.1
12	-0.1	0.2	0.0	-0.1	0.2	0.0
11	-0.1	0.2	0.0	-0.1	0.2	0.0
10	-0.1	0.2	0.0	-0.1	0.2	0.0
9	-0.1	0.1	0.1	-0.1	0.2	0.1
8	0.0	0.1	0.1	-0.1	0.1	0.0
7	0.0	0.2	0.1	0.0	0.1	0.0
6	0.0	0.2	0.1	-0.1	0.2	0.0
5	0.0	0.2	0.1	0.0	0.2	0.1
4	0.0	0.2	0.1	-0.1	0.2	0.0
3	0.0	0.2	0.1	0.0	0.2	0.1
2	0.0	0.2	0.0	-0.1	0.2	0.0
1	0.1	0.2	0.0	0.0	0.2	0.1
0	0.1	0.3	0.0	0.0	0.2	0.1

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.1	0.0	0.0	0.0
73	0.0	0.0	0.1	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.1
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.1	0.0	0.0	0.0
60	0.0	0.0	0.1	0.0	0.0	0.1
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.1
54	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.1	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.1
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.1	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.1	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.1	0.0	0.0	0.0	0.0	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0
39	0.1	0.0	0.0	0.0	0.0	0.0
38	0.1	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.1	0.0	0.0	0.0	0.0	0.0
35	0.0	0.1	0.1	0.0	0.0	0.0
34	0.1	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0	0.0	0.0
32	0.1	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.1	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.1

ANCHOR TEST EQUATING STUDY: READING COMPREHENSION SUBTEST AT GRADE 6
MAIN ANALYSIS

LINEAR METHOD PROCEDURE 2 --- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

PA4 SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
25	0.1	0.0	0.0	0.1	0.0	0.0
24	0.0	0.0	0.0	0.0	-0.1	0.0
23	0.0	-0.1	0.0	0.1	-0.1	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.1	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.1	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.1	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	-0.1	0.0	0.1	0.0	0.0
11	0.0	-0.1	0.0	0.0	0.0	0.0
10	0.0	-0.1	0.0	0.0	-0.1	0.0
9	0.1	0.0	0.0	0.0	-0.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	-0.1
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	-0.1	0.0	0.0	0.0	0.0
0	-0.1	-0.1	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	IT95 DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76			0.0			
75			-0.2			
74			-0.2			
73			-0.1			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			0.0
62			0.0			0.0
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.1
56			-0.1			0.1
55			-0.1			0.1
54			-0.1			0.0
53			0.0			0.0
52			-0.1			0.0
51			-0.1			0.0
50			-0.1			-0.1
49			0.0			0.0
48			0.0			0.0
47			-0.1		0.0	0.0
46			-0.1		-0.1	0.0
45	0.0	0.0	-0.1		0.0	0.0
44	0.0	0.0	0.0		-0.1	0.0
43	0.0	0.0	0.0		-0.1	0.0
42	0.0	0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		-0.1	0.0
40	0.0	-0.1	0.0		-0.1	0.0
39	0.0	0.0	-0.1		-0.2	0.1
38	0.0	0.0	-0.1		-0.1	0.1
37	0.0	0.0	-0.1		0.0	0.0
36	0.0	0.0	-0.1		0.0	0.0
35	0.0	0.0	0.0		0.0	0.1
34	0.0	-0.1	0.0		0.0	0.1
33	0.0	0.0	0.0		0.0	0.1
32	-0.1	0.0	0.0		0.0	0.1
31	-0.2	0.0	0.0		0.1	0.2
30	-0.1	0.1	0.0	0.0	0.0	0.1
29	0.0	0.1	0.0	0.0	0.0	0.1
28	-0.1	0.0	0.0	0.2	0.1	0.0
27	-0.1	0.0	0.0	-0.1	0.0	0.1
26	-0.1	0.1	0.0	-0.1	0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	TEPII DIFF	SPA DIFF	SAT DIFF
25	-0.1	0.1	0.0	0.0	0.1	0.2
24	-0.1	0.1	0.0	0.1	0.1	0.2
23	-0.1	0.1	0.1	-0.1	0.0	0.3
22	-0.1	0.1	0.1	0.0	0.0	0.2
21	-0.1	0.1	0.0	0.0	0.0	0.2
20	-0.1	0.1	0.0	0.0	0.0	0.2
19	-0.1	0.1	0.1	0.1	0.1	0.2
18	-0.2	0.2	0.1	0.0	0.1	0.2
17	-0.1	0.0	0.1	0.0	0.1	0.2
16	-0.1	0.0	0.2	0.1	0.1	0.3
15	-0.2	0.0	0.0	0.1	0.1	0.3
14	-0.2	0.0	0.1	0.1	0.0	0.2
13	-0.2	0.0	0.0	0.1	0.1	0.2
12	-0.2	0.0	0.0	0.2	0.1	0.1
11	-0.1	0.0	-0.1	0.2	0.0	0.0
10	0.0	0.0	-0.1	0.1	0.1	0.0
9	0.0	0.0	0.0	0.1	0.0	0.1
8	-0.1	-0.2	0.2	0.1	0.0	0.1
7	-0.1	-0.3	0.1	0.0	-0.1	0.1
6	0.1	0.1	0.1	0.0	-0.2	0.0
5	0.3	0.7	0.1	0.0	-0.2	0.1
4	0.5	1.2	0.1	0.0	-0.2	0.0
3	0.7	1.7	0.0	-0.1	-0.1	0.0
2	0.9	2.0	0.1	-0.7	-0.1	0.1
1	1.0	1.0	0.0	-1.3	0.0	0.0
0	0.0	0.0	0.0	-1.3	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTDS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
76			0.0			
75			0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			0.0
62			0.0			0.0
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			-0.1
55			0.0			-0.1
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			-0.1
50			0.0			0.0
49			0.0			0.0
48			0.0			0.0
47			0.0			0.0
46			0.0		0.0	0.0
45	0.0	0.0	0.0		0.0	0.0
44	0.0	0.0	0.0		0.0	0.0
43	0.0	0.0	0.0		0.0	0.0
42	0.0	0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	-0.1
33	0.0	0.0	-0.1		0.0	-0.1
32	0.0	0.0	0.0		0.0	0.0
31	0.1	0.0	0.0		-0.1	0.0
30	0.0	0.0	0.0		0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	-0.1
27	0.0	0.0	-0.1	0.0	0.0	0.0
26	0.0	0.0	-0.1	0.0	-0.1	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
25	0.0	0.0	0.0	0.0	-0.1	-0.2
24	0.0	-0.1	0.0	-0.1	0.0	-0.1
23	0.0	0.0	-0.1	0.0	0.0	-0.1
22	0.0	0.0	0.0	0.0	0.0	-0.1
21	0.0	-0.1	0.0	-0.1	-0.1	0.0
20	0.0	-0.1	0.0	-0.1	-0.1	-0.1
19	0.0	0.0	0.0	-0.1	-0.1	-0.1
18	0.0	0.0	0.0	0.0	-0.1	-0.1
17	-0.1	-0.1	0.0	-0.1	-0.1	0.0
16	-0.1	0.0	0.0	-0.2	0.0	-0.1
15	-0.1	0.0	0.0	0.0	0.0	-0.1
14	0.0	0.0	-0.1	-0.1	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	-0.1	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	-0.1	-0.1	0.0	0.0	-0.1	0.0
8	0.0	0.0	-0.1	0.0	-0.1	0.0
7	0.0	0.1	-0.1	0.0	0.0	0.0
6	0.0	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	-0.1	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.1	0.0	0.0	0.0	0.0
2	0.0	0.0	-0.1	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76			0.0			
75			0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			0.0
62			0.0			0.0
61			0.0			0.0
60			0.0			0.0
59			0.0			0.0
58			0.0			0.0
57			0.0			0.0
56			0.0			0.0
55			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0			0.0
47			0.0			0.0
46			0.0			0.0
45			0.0			0.0
44	0.0	0.0	0.0		0.0	0.0
43	0.0	0.0	0.0		0.0	0.0
42	0.0	0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	0.0	0.0		0.0	0.0
37	0.0	0.0	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	0.0	0.0	0.0		0.0	0.0
34	0.0	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0

WICHITA TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
25	0.0	-0.1	0.0	0.0	0.0	0.1
24	0.0	-0.1	0.1	0.1	0.0	0.0
23	0.0	0.0	0.1	0.0	0.0	0.0
22	0.0	0.0	0.1	0.0	0.0	0.1
21	0.0	0.0	0.0	0.0	0.0	0.1
20	0.0	0.0	0.0	0.0	0.0	0.1
19	0.0	0.0	0.0	0.1	0.0	0.1
18	0.0	0.0	0.0	0.0	0.0	0.1
17	0.0	0.1	0.0	0.0	0.1	0.0
16	0.1	0.0	0.0	0.0	0.0	0.1
15	0.2	0.0	0.0	0.0	0.0	0.1
14	0.2	0.0	0.0	0.1	0.0	0.0
13	0.0	0.1	0.0	0.0	0.0	0.0
12	0.0	0.1	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	-0.1	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITHS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
76			0.0			
75			0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.0			
59			0.0			
58			0.0			
57			0.0			
56			0.0			
55			0.0			
54			0.0			
53			0.0			
52			0.0			
51			0.0			
50			0.0			
49			0.0			
48			0.0			
47			0.0			
46			0.0			
45			0.0			
44	0.0	0.0	0.0			
43	0.0	0.0	0.0			
42	0.0	0.0	0.0			
41	0.0	0.0	0.0			
40	0.0	0.0	0.0			
39	0.0	0.0	0.0			
38	0.0	0.0	0.0			
37	0.0	0.0	0.0			
36	0.0	0.0	0.0			
35	0.0	0.0	0.0			
34	0.0	0.0	0.0			
33	0.0	0.0	0.0			
32	0.0	0.0	-0.1			
31	0.0	0.0	-0.1			
30	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0		
26	0.0	0.0	-0.1	0.0	0.0	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTMS DIFF	ITPS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
25	0.0	0.0	0.0	0.0	0.0	-0.1
24	0.0	0.0	-0.1	-0.1	0.0	0.0
23	0.0	0.0	-0.1	0.0	0.0	0.0
22	0.0	0.0	-0.1	0.0	0.0	-0.1
21	0.0	0.0	0.0	0.0	0.0	-0.1
20	0.0	0.0	0.0	0.0	0.0	-0.1
19	0.0	0.0	0.0	-0.1	0.0	-0.1
18	0.0	0.0	0.0	0.0	0.0	-0.1
17	0.0	-0.1	0.0	0.0	-0.1	0.0
16	-0.1	0.0	0.0	0.0	0.0	-0.1
15	-0.2	0.0	0.0	0.0	0.0	-0.1
14	-0.2	0.0	0.0	-0.1	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	-0.1
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	-0.1	0.0	0.0	0.0
8	0.0	0.0	-0.1	0.0	0.0	-0.1
7	0.0	0.0	0.0	0.0	0.0	-0.1
6	0.0	0.0	-0.1	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	-0.1
4	0.0	0.0	-0.1	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	-0.1
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 5) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
76			0.0			
75			-0.1			
74			-0.3			
73			-0.4			
72			-0.4			
71			-0.2			
70			-0.2			
69			-0.1			
68			-0.1			
67			0.0			
66			0.0			
65			0.0			
64			0.0			0.0
63			0.0			0.0
62			0.0			0.0
61			0.1			0.0
60			-0.1			0.0
59			-0.1			0.0
58			-0.1			0.0
57			-0.1			0.0
56			0.0			-0.1
55			-0.1			-0.1
54			0.0			0.0
53			-0.1			0.0
52			-0.1			-0.1
51			-0.2			-0.1
50			-0.1			-0.2
49			-0.2			-0.1
48			-0.1			-0.1
47			-0.2			-0.1
46			-0.2		0.0	-0.1
45			-0.1		-0.1	-0.1
44	0.0	0.0	-0.1		0.0	-0.1
43	-0.2	0.0	-0.1		-0.1	-0.1
42	-0.1	0.0	-0.2		-0.1	-0.1
41	-0.1	0.1	-0.2		-0.1	-0.1
40	-0.1	0.0	-0.2		-0.1	-0.2
39	-0.1	0.0	-0.3		-0.1	-0.2
38	-0.1	-0.1	-0.2		-0.1	-0.1
37	-0.1	0.0	-0.2		0.0	-0.1
36	-0.1	0.0	-0.1		-0.1	-0.1
35	-0.1	0.0	-0.1		0.0	-0.1
34	-0.2	0.0	-0.1		0.0	0.0
33	-0.1	0.0	-0.1		-0.1	0.0
32	-0.1	-0.1	0.0		-0.1	-0.1
31	-0.2	0.0	0.1		-0.1	-0.2
30	-0.2	0.1	0.1	0.0	-0.1	-0.2
29	-0.3	0.1	0.0	-0.2	0.0	-0.1
28	-0.3	0.1	0.0	-0.1	-0.1	0.0
27	-0.3	0.1	0.0	0.0	0.0	0.1
26	-0.4	0.0	0.0	-0.2	0.0	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 9) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CYPS DIFF	ITPS DIFF	STCPI DIFF	SPA DIFF	SAT DIFF
25	-0.4	0.1	0.0	-0.3	0.1	0.1
24	-0.3	0.1	0.1	-0.1	0.1	0.1
23	-0.4	0.1	0.0	-0.2	0.0	0.0
22	-0.4	0.1	0.1	-0.3	0.0	0.1
21	-0.3	0.1	0.1	-0.2	0.0	0.1
20	-0.3	0.1	0.1	-0.2	0.0	0.0
19	-0.2	0.1	0.2	-0.1	0.1	0.0
18	-0.4	0.3	0.2	-0.1	0.0	0.1
17	-0.3	0.2	0.1	-0.2	0.0	0.1
16	-0.3	0.3	0.1	-0.2	0.1	0.1
15	-0.2	0.3	0.1	0.0	0.2	0.1
14	-0.1	0.3	0.0	-0.2	0.2	0.1
13	-0.2	0.1	0.0	-0.2	0.2	0.0
12	-0.2	0.1	-0.1	-0.2	0.1	0.1
11	-0.1	0.1	-0.1	-0.1	0.2	0.0
10	0.0	0.1	-0.1	-0.2	0.1	0.0
9	0.0	-0.1	0.0	-0.2	0.0	0.1
8	0.1	-0.1	0.1	-0.1	0.0	0.2
7	0.1	-0.1	0.3	0.0	0.0	0.1
6	0.4	0.0	0.2	-0.1	0.0	0.1
5	0.9	0.0	0.2	-0.2	0.0	0.1
4	1.4	0.0	0.2	-0.2	0.0	0.1
3	1.3	0.0	0.1	-0.5	0.0	0.1
2	0.0	0.0	0.1	-1.0	0.0	0.1
1	0.0	0.0	0.1	-1.5	0.0	0.1
0	0.0	1.1	-0.1	-1.3	0.0	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITBS DIFF	STEP11 DIFF	SSA DIFF	SAT DIFF
76			C.C			
75			C.C			
74			C.C			
73			C.C			
72			C.C			
71			C.C			
70			C.C			
69			C.C			
68			C.C			
67			C.C			
66			C.C			
65			C.C			
64			C.C			
63			C.C			
62			C.C			
61			C.C			
60			C.C			
59			C.C			
58			C.C			
57			C.C			
56			C.C			
55			C.C			
54			C.C			
53			C.C			
52			C.C			
51			C.C			
50			C.C			
49			C.C			
48			C.C			
47			C.C			
46			C.C			
45			C.C			
44			C.C			
43			C.C			
42			C.C			
41			C.C			
40			C.C			
39			C.C			
38			C.C			
37			C.C			
36			C.C			
35			C.C			
34			C.C			
33			C.C			
32			C.C			
31			C.C			
30			C.C			
29			C.C			
28			C.C			
27			C.C			
26			C.C			

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 *READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEP1 DIFF	SIS DIFF	SAT DIFF
25	0.2	-0.1	0.1	0.1	0.0	-0.1
24	0.1	-0.1	0.0	0.1	0.0	-0.1
23	0.2	0.0	0.0	0.0	0.1	0.0
22	0.1	0.1	0.0	0.1	0.1	0.0
21	0.1	0.1	0.0	0.0	0.1	0.0
20	0.1	0.0	0.0	0.0	0.1	0.0
19	0.1	0.1	0.0	0.0	0.1	0.0
18	0.3	-0.1	0.0	0.1	0.0	0.0
17	0.1	-0.1	0.1	0.1	0.0	0.1
16	0.1	-0.2	0.1	0.1	0.0	0.0
15	0.2	-0.1	0.0	0.1	0.0	0.0
14	0.1	-0.1	0.0	0.2	0.0	0.1
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.1	0.1	0.0	0.1	0.1	0.0
11	0.1	0.1	0.0	0.1	0.0	0.1
10	0.0	0.0	0.0	0.0	0.0	0.1
9	0.0	0.0	-0.1	0.1	0.0	0.0
8	0.0	0.0	-0.1	0.1	0.0	0.0
7	-0.1	0.0	0.0	0.0	0.0	0.1
6	-0.1	-0.1	0.1	0.0	0.0	0.2
5	0.2	0.1	0.3	-0.1	0.1	0.3
4	0.5	0.2	0.4	-0.1	0.3	0.4
3	0.8	0.4	0.6	0.3	0.4	0.5
2	0.0	0.6	0.7	1.1	0.7	0.7
1	0.0	0.7	0.9	1.9	0.9	0.8
0	0.0	1.0	1.1	2.1	1.0	0.9

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION

MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTRS DIFF	ITRS DIFF	STEP II DIFF	SRD DIFF	SAT DIFF
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			
62			0.0			
61			0.0			
60			0.1			
59			0.1			
58			0.0			
57			0.0			
56			0.0			
55			0.0			
54			0.0			
53			0.0			
52			0.0			
51			0.1			
50			0.0			
49			0.0			
48			0.0			
47			0.0			
46			0.0			
45	0.0	0.0	0.0			
44	0.0	0.0	0.0			
43	0.0	0.0	0.0			
42	0.0	0.0	0.0			
41	0.0	0.0	0.0			
40	0.0	0.0	0.0			
39	0.0	0.2	0.0			
38	0.0	0.1	0.0			
37	0.0	0.0	0.0			
36	0.1	0.0	0.0			
35	0.1	0.0	0.0			
34	0.1	0.0	0.0			
33	0.0	0.0	0.0			
32	0.0	0.0	0.0			
31	0.0	0.0	0.0			
30	0.0	0.0	0.0			
29	0.0	0.0	0.0			
28	0.0	0.0	0.0			
27	0.0	0.0	0.0			
26	0.0	0.0	0.0			
25	0.0	0.0	0.0			
24	0.0	0.0	0.0			
23	0.0	0.0	0.0			
22	0.0	0.0	0.0			
21	0.0	0.0	0.0			
20	0.0	0.0	0.0			
19	0.0	0.0	0.0			
18	0.0	0.0	0.0			
17	0.0	0.0	0.0			
16	0.0	0.0	0.0			
15	0.0	0.0	0.0			
14	0.0	0.0	0.0			
13	0.0	0.0	0.0			
12	0.0	0.0	0.0			
11	0.0	0.0	0.0			
10	0.0	0.0	0.0			
9	0.0	0.0	0.0			
8	0.0	0.0	0.0			
7	0.0	0.0	0.0			
6	0.0	0.0	0.0			
5	0.0	0.0	0.0			
4	0.0	0.0	0.0			
3	0.0	0.0	0.0			
2	0.0	0.0	0.0			
1	0.0	0.0	0.0			

ANCOVA TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEPIN DIFF	SPA DIFF	SAT DIFF
25	-0.1	0.0	-0.1	0.0	0.0	0.1
24	-0.1	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	-0.1	0.1
22	0.0	-0.1	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.1	0.0	0.0	0.0	0.0
19	0.0	-0.1	0.0	0.0	-0.1	0.0
18	-0.1	0.1	0.0	-0.1	0.0	0.0
17	0.0	0.1	-0.1	0.0	0.0	-0.1
16	-0.1	0.0	-0.1	0.0	0.0	0.0
15	0.0	0.0	0.0	-0.1	0.0	0.0
14	0.0	0.0	0.0	-0.2	0.0	0.0
13	0.0	0.0	-0.1	0.0	-0.1	0.0
12	-0.1	-0.1	0.0	0.0	-0.2	0.0
11	-0.1	-0.1	0.0	0.0	-0.1	-0.1
10	0.0	0.0	0.0	0.0	0.0	-0.1
9	0.0	0.0	0.0	-0.1	0.0	-0.1
8	0.0	0.0	0.0	-0.1	0.0	-0.2
7	0.0	0.0	-0.1	0.0	0.0	-0.4
6	-0.1	-0.1	-0.2	0.0	0.0	-0.6
5	-0.4	-0.3	-0.4	0.0	-0.1	-0.7
4	-0.5	-0.3	-0.5	0.0	-0.4	-0.9
3	-0.8	-0.5	-0.7	-0.1	-0.5	-1.1
2	-0.9	-0.7	-0.8	-0.4	-0.7	-1.3
1	0.0	-0.7	-1.0	-0.6	-0.9	-1.5
0	0.0	-0.9	-1.0	-0.8	-1.0	-1.7

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION
MATH ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITRS DIFF	STEP II DIFF	SIA DIFF	SAT DIFF
76	0.0		0.0			
75	0.0		0.0			
74			0.0			
73			0.0			
72			0.0			
71			0.0			
70			0.0			
69			0.0			
68			0.0			
67			0.0			
66			0.0			
65			0.0			
64			0.0			
63			0.0			0.0
62			0.0			0.0
61			0.0			0.0
60			-0.1			0.0
59			-0.1			0.0
58			-0.1			0.0
57			0.0			-0.1
56			0.0			-0.1
55			0.0			0.0
54			0.0			0.0
53			0.0			0.0
52			0.0			0.0
51			0.0			0.0
50			0.0			0.0
49			0.0			0.0
48			0.0		0.0	0.0
47			0.0		0.0	0.0
46			0.0		0.0	0.0
45	0.0	0.0	0.0		0.0	0.0
44	0.0	0.0	0.0		0.0	0.0
43	0.0	0.0	0.0		0.0	0.0
42	0.0	0.0	0.0		0.0	0.0
41	0.0	0.0	0.0		0.0	0.0
40	0.0	0.0	0.0		0.0	0.0
39	0.0	0.0	0.0		0.0	0.0
38	0.0	-0.2	0.0		0.0	0.0
37	0.0	-0.1	0.0		0.0	0.0
36	0.0	0.0	0.0		0.0	0.0
35	-0.1	0.0	0.0		0.0	0.0
34	-0.1	0.0	0.0		0.0	0.0
33	0.0	0.0	0.0		0.0	0.0
32	0.0	0.0	0.0		0.0	0.0
31	0.0	0.0	0.0		0.0	0.0
30	0.0	0.0	0.0		0.0	0.0
29	0.0	0.0	0.0		0.0	0.0
28	0.0	0.0	0.0		0.0	-0.1
27	0.0	0.0	0.0		-0.1	-0.1

ANCOPI TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 READING COMPREHENSION MAIN ANALYSIS

RAW SCORE	CAT DIFF	CBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
25	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.1	-0.1
22	0.0	0.1	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
18	0.1	0.0	0.0	0.1	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.2	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.1
9	0.0	0.0	0.0	0.0	0.0	0.1
8	-0.1	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.1
6	0.0	0.1	0.0	0.0	0.0	0.1
5	0.0	0.1	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.1	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN HAT EQUIVALENT SCORES FOR TRIALS 1 AND 9

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
122	0.0	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0	-0.2
111	0.0	0.0	-0.1	0.0	0.0	-0.2
110	0.0	0.0	0.0	0.0	0.0	-0.2
109	0.0	0.0	0.0	0.0	0.0	-0.2
108	0.0	0.0	0.0	0.0	0.0	-0.2
107	0.0	0.0	0.0	0.0	0.0	-0.2
106	0.0	0.0	-0.1	0.0	0.0	-0.1
105	0.0	0.0	0.0	0.0	0.0	-0.1
104	0.0	0.0	-0.1	0.0	0.0	-0.1
103	0.0	0.0	0.0	0.0	0.0	-0.1
102	0.0	0.0	0.0	0.0	0.0	-0.2
101	0.0	0.0	-0.1	0.0	0.0	-0.1
100	0.0	0.0	0.0	0.0	0.0	-0.2
99	0.0	0.0	-0.1	0.0	0.0	-0.2
98	0.0	0.0	0.0	0.0	0.0	-0.2
97	0.0	0.0	-0.1	0.0	0.0	-0.1
96	0.0	0.0	-0.1	0.0	0.0	-0.1
95	0.0	0.0	0.0	0.0	0.0	-0.1
94	0.0	0.0	-0.1	0.0	0.0	-0.1
93	0.0	0.0	0.0	0.0	0.0	-0.1
92	0.0	0.0	-0.1	0.0	0.0	-0.1
91	0.0	0.0	-0.1	0.0	0.0	-0.2
90	0.0	0.0	-0.1	0.0	0.0	-0.2
89	0.0	0.0	-0.1	0.0	0.0	-0.1
88	0.0	0.0	0.0	0.0	0.1	-0.1
87	0.0	0.0	-0.1	0.0	0.0	-0.1
86	0.0	0.0	-0.1	0.0	0.0	-0.1
85	-0.2	0.0	-0.1	0.0	0.1	-0.1
84	-0.2	0.0	-0.1	0.0	0.0	-0.1
83	-0.2	0.0	-0.1	0.0	0.0	-0.1
82	-0.2	0.0	-0.1	0.0	0.1	-0.1
81	-0.2	0.0	-0.1	0.0	0.0	-0.1
80	-0.3	0.0	-0.1	0.0	0.0	-0.1
79	-0.2	0.0	-0.1	0.0	0.1	-0.1
78	-0.2	0.0	-0.1	0.0	0.0	-0.1
77	-0.3	-0.1	-0.1	0.0	0.0	-0.1
76	-0.2	-0.1	-0.2	0.0	0.0	-0.1
75	-0.3	0.0	-0.1	0.0	0.0	-0.1
74	-0.3	0.0	-0.1	0.0	0.0	-0.1
73	-0.2	0.0	-0.1	0.0	0.0	-0.1
72	-0.3	0.0	-0.1	0.0	0.0	-0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTDS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	-1.3	0.0	-0.2	0.0	0.0	0.0
70	-0.3	0.0	-0.1	0.0	0.0	-0.1
69	-0.3	0.0	-0.2	0.0	0.0	-0.1
68	-0.3	0.0	-0.1	0.0	0.0	-0.1
67	-0.3	0.0	-0.1	0.0	0.0	-0.1
66	-0.3	0.0	-0.2	0.0	0.0	-0.1
65	-0.3	0.0	-0.1	0.0	0.0	-0.1
64	-0.3	0.0	-0.2	0.0	0.0	0.0
63	-0.3	0.0	-0.2	0.0	0.0	0.0
62	-0.3	0.0	-0.2	0.0	0.0	0.0
61	-0.4	0.0	-0.2	0.0	0.0	0.0
60	-0.3	0.0	-0.1	-0.2	0.0	-0.1
59	-0.3	0.0	-0.2	-0.2	0.0	-0.1
58	-0.4	0.0	-0.2	-0.2	0.0	-0.1
57	-0.4	0.0	-0.2	-0.2	0.0	-0.1
56	-0.3	0.0	-0.2	-0.2	0.0	0.0
55	-0.4	0.1	-0.2	-0.2	0.0	0.0
54	-0.4	0.1	-0.2	-0.2	0.1	0.0
53	-0.3	0.1	-0.2	-0.3	0.0	0.0
52	-0.4	0.0	-0.2	-0.3	0.0	0.0
51	-0.4	0.0	-0.2	-0.2	0.1	0.0
50	-0.3	0.0	-0.2	-0.2	0.0	-0.1
49	-0.4	0.0	-0.2	-0.2	0.0	-0.1
48	-0.4	0.0	-0.3	-0.2	0.0	0.0
47	-0.4	0.0	-0.2	-0.2	0.0	0.0
46	-0.4	0.0	-0.2	-0.2	0.0	0.0
45	-0.4	0.0	-0.2	-0.2	0.0	0.0
44	-0.5	0.1	-0.2	-0.2	0.0	0.0
43	-0.4	0.1	-0.3	-0.2	0.0	0.0
42	-0.4	0.1	-0.2	-0.2	0.0	0.0
41	-0.5	0.1	-0.3	-0.1	0.0	0.0
40	-0.4	0.0	-0.2	-0.1	0.0	0.0
39	-0.4	0.0	-0.2	-0.1	0.0	0.0
38	-0.5	0.0	-0.3	-0.1	0.0	0.0
37	-0.4	0.0	-0.2	-0.1	0.0	0.0
36	-0.4	0.0	-0.3	-0.1	0.0	0.0
35	-0.5	0.0	-0.2	-0.1	0.0	0.0
34	-0.5	0.1	-0.3	-0.1	0.0	0.0
33	-0.4	0.1	-0.3	-0.1	0.0	0.0
32	-0.5	0.1	-0.2	-0.1	0.0	0.0
31	-0.5	0.1	-0.3	0.0	0.0	0.1
30	-0.5	0.1	-0.2	0.0	0.0	0.0
29	-0.5	0.1	-0.3	0.0	0.0	0.0
28	-0.5	0.0	-0.3	0.0	0.0	0.0
27	-0.5	0.0	-0.3	0.0	0.0	0.0
26	-0.5	0.0	-0.3	0.0	0.0	0.0
25	-0.5	0.0	-0.2	0.0	0.0	0.0
24	-0.6	0.1	-0.3	0.0	0.0	0.0
23	-0.5	0.1	-0.3	0.0	0.0	0.0
22	-0.5	0.1	-0.3	0.0	0.0	0.1
21	-0.6	0.1	-0.3	0.1	0.0	0.1

ANCHOR TEST EQUATING STUDY: TCIAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
20	-0.5	0.1	-0.3	0.1	-0.1	0.1
19	-0.5	0.1	-0.3	0.1	0.0	0.1
18	-0.6	0.1	-0.3	0.1	0.0	0.0
17	-0.5	0.1	-0.3	0.1	-0.1	0.0
16	-0.6	0.1	-0.3	0.1	0.0	0.0
15	-0.6	0.0	-0.3	0.1	0.0	0.0
14	-0.6	0.1	-0.3	0.1	-0.1	0.1
13	-0.6	0.1	-0.4	0.1	0.0	0.1
12	-0.6	0.1	-0.3	0.1	0.0	0.1
11	-0.6	0.1	-0.3	0.1	-0.1	0.1
10	-0.6	0.1	-0.3	0.2	0.0	0.1
9	-0.6	0.1	-0.3	0.2	0.0	0.1
8	-0.6	0.1	-0.4	0.2	-0.1	0.0
7	-0.6	0.1	-0.3	0.2	0.0	0.0
6	-0.6	0.1	-0.4	0.2	0.0	0.1
5	-0.6	0.1	-0.3	0.2	-0.1	0.1
4	-0.6	0.1	-0.3	0.2	0.0	0.1
3	-0.6	0.1	-0.4	0.2	0.0	0.1
2	-0.6	0.1	-0.3	0.2	-0.1	0.1
1	-0.7	0.1	-0.4	0.2	0.0	0.1
0	-0.6	0.1	-0.3	0.3	0.0	0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122	0.0	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0	0.0	0.1
106	0.0	0.0	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.1
98	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.1
90	0.0	0.0	0.0	0.0	0.0	0.1
89	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	-0.1	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	-0.1	0.0	0.0	-0.1	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0
84	0.1	0.0	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	-0.1	0.1
81	0.1	0.0	0.1	0.0	0.0	0.0
80	0.1	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	-0.1	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
77	0.1	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.1	0.0	0.0	0.0
75	0.0	-0.1	0.0	0.0	0.0	0.0
74	0.1	0.0	0.0	0.0	0.0	0.1
73	0.0	0.0	0.0	0.0	0.0	0.1
72	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTDS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	0.1	0.0	0.1	0.0	0.0	0.0
70	0.1	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.1	0.0	0.0	0.0	0.0	0.0
67	0.1	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.1	0.0	0.0	0.0
65	0.1	-0.1	0.0	0.0	0.0	0.1
64	0.1	0.0	0.0	0.0	0.0	0.0
63	0.0	0.0	0.1	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.1	0.0	0.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.1	0.0	0.1	0.0	0.0	0.0
57	0.1	0.0	0.0	0.0	0.0	0.1
56	0.0	0.0	0.1	0.0	0.0	0.0
55	0.1	-0.1	0.0	0.0	0.0	0.0
54	0.1	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.1	0.1	0.0	0.0
52	0.1	0.0	0.0	0.1	0.0	0.0
51	0.1	0.0	0.1	0.1	0.0	0.0
50	0.0	0.0	0.0	0.1	0.0	0.0
49	0.0	0.0	0.0	0.1	0.0	0.0
48	0.1	0.0	0.1	0.1	0.0	0.1
47	0.1	0.0	0.0	0.1	0.0	0.0
46	0.0	0.0	0.1	0.1	0.0	0.0
45	0.1	0.0	0.0	0.1	0.0	0.0
44	0.1	0.0	0.0	0.1	0.0	0.0
43	0.0	0.0	0.1	0.1	0.0	0.0
42	0.1	0.0	0.0	0.1	0.0	0.0
41	0.1	0.0	0.1	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.1
39	0.1	0.0	0.0	0.0	0.0	0.0
38	0.1	0.0	0.1	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0
36	0.1	0.0	0.1	0.0	0.0	0.0
35	0.1	0.0	0.0	0.0	0.0	0.0
34	0.1	-0.1	0.0	0.0	0.0	0.0
33	0.0	0.0	0.1	0.0	0.0	0.0
32	0.1	0.0	0.0	0.0	0.0	0.0
31	0.1	0.0	0.1	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	0.0	0.0	0.0
28	0.1	0.0	0.1	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.1	0.0	0.1	0.0	0.0	0.0
25	0.1	0.0	0.0	0.0	0.0	0.0
24	0.1	-0.1	0.0	0.0	0.0	0.0
23	0.1	0.0	0.1	0.0	0.0	0.1
22	0.1	0.0	0.0	0.0	0.0	0.0
21	0.1	0.0	0.1	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 1 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
20	0.0	0.0	0.0	0.0	0.1	0.0
19	0.1	0.0	0.1	0.0	0.0	0.0
18	0.1	0.0	0.1	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.1	0.0
16	0.1	0.0	0.1	0.0	0.0	0.0
15	0.1	0.0	0.0	0.0	0.0	0.0
14	0.1	-0.1	0.1	0.0	0.1	0.0
13	0.1	0.0	0.1	0.0	0.0	0.0
12	0.1	0.0	0.0	0.0	0.0	0.0
11	0.1	0.0	0.1	0.0	0.1	0.0
10	0.1	0.0	0.0	0.0	0.0	0.0
9	0.1	0.0	0.1	0.0	0.0	0.0
8	0.1	0.0	0.1	0.0	0.1	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.1	0.0	0.1	0.0	0.0	0.0
5	0.1	0.0	0.0	0.0	0.1	0.0
4	0.0	0.0	0.1	0.0	0.0	0.0
3	0.1	0.0	0.1	-0.1	0.0	0.0
2	0.1	0.0	0.0	-0.1	0.0	0.0
1	0.1	0.0	0.1	-0.1	0.0	0.0
0	0.1	0.0	0.0	-0.1	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122	0.0	0.0	-0.5	0.0	0.0	0.0
121	0.0	0.0	-0.5	0.0	0.0	0.0
120	0.0	0.0	-0.5	0.0	0.0	0.0
119	0.0	0.0	-0.4	0.0	0.0	0.0
118	0.0	0.0	-0.5	0.0	0.0	0.0
117	0.0	0.0	-0.5	0.0	0.0	0.0
116	0.0	0.0	-0.4	0.0	0.0	0.0
115	0.0	0.0	-0.4	0.0	0.0	0.0
114	0.0	0.0	-0.5	0.0	0.0	0.0
113	0.0	0.0	-0.4	0.0	0.0	0.0
112	0.0	0.0	-0.4	0.0	0.0	-0.2
111	0.0	0.0	-0.5	0.0	0.0	-0.2
110	0.0	0.0	-0.4	0.0	0.0	-0.2
109	0.0	0.0	-0.4	0.0	0.0	-0.3
108	0.0	0.0	-0.4	0.0	0.0	-0.2
107	0.0	0.0	-0.4	0.0	0.0	-0.2
106	0.0	0.0	-0.4	0.0	0.0	-0.2
105	0.0	0.0	-0.4	0.0	0.0	-0.2
104	0.0	0.0	-0.3	0.0	0.0	-0.3
103	0.0	0.0	-0.4	0.0	0.0	-0.2
102	0.0	0.0	-0.4	0.0	0.0	-0.2
101	0.0	0.0	-0.4	0.0	0.0	-0.2
100	0.0	0.0	-0.4	0.0	0.0	-0.2
99	0.0	0.0	-0.4	0.0	0.0	-0.3
98	0.0	0.0	-0.4	0.0	0.0	-0.2
97	0.0	0.0	-0.3	0.0	0.0	-0.2
96	0.0	0.0	-0.4	0.0	0.0	-0.2
95	0.0	0.0	-0.4	0.0	0.0	-0.2
94	0.0	0.0	-0.3	0.0	0.0	-0.2
93	0.0	0.0	-0.3	0.0	0.0	-0.2
92	0.0	0.0	-0.4	0.0	0.0	-0.2
91	0.0	0.0	-0.3	0.0	0.0	-0.2
90	0.0	0.0	-0.3	0.0	-0.2	-0.2
89	0.0	0.0	-0.4	0.0	-0.2	-0.2
88	0.0	0.0	-0.3	0.0	-0.2	-0.2
87	0.0	0.0	-0.3	0.0	-0.2	-0.2
86	0.0	0.0	-0.3	0.0	-0.2	-0.2
85	-0.8	0.0	-0.3	0.0	-0.2	-0.2
84	-0.8	0.0	-0.3	0.0	-0.2	-0.2
83	-0.8	0.0	-0.3	0.0	-0.2	-0.1
82	-0.7	0.0	-0.2	0.0	-0.2	-0.2
81	-0.7	0.0	-0.3	0.0	-0.2	-0.2
80	-0.7	0.0	-0.3	0.0	-0.2	-0.2
79	-0.7	0.0	-0.3	0.0	-0.1	-0.2
78	-0.7	0.0	-0.3	0.0	-0.1	-0.1
77	-0.7	0.0	-0.3	0.0	-0.1	-0.2
76	-0.7	0.0	-0.3	0.0	-0.1	-0.2
75	-0.7	0.0	-0.2	0.0	-0.1	-0.2
74	-0.6	0.0	-0.3	0.0	-0.1	-0.2
73	-0.6	0.0	-0.3	0.0	-0.1	-0.1
72	-0.6	0.1	-0.2	0.0	-0.1	-0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAI SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
71	-0.6	0.1	-0.2	0.0	-0.1	-0.2
70	-0.5	0.1	-0.3	0.0	-0.1	-0.2
69	-0.6	0.1	-0.2	0.0	-0.1	-0.1
68	-0.7	0.1	-0.2	0.0	-0.1	-0.1
67	-0.7	0.1	-0.3	0.0	-0.1	-0.1
66	-0.7	0.0	-0.2	0.0	0.0	-0.2
65	-0.6	0.0	-0.2	0.0	0.0	-0.2
64	-0.6	0.0	-0.2	0.0	0.0	-0.1
63	-0.6	0.1	-0.2	0.0	0.0	-0.1
62	-0.6	0.1	-0.2	0.0	0.0	-0.1
61	-0.6	0.1	-0.2	0.0	0.0	-0.2
60	-0.6	0.1	-0.2	-0.4	0.0	-0.2
59	-0.6	0.1	-0.2	-0.3	0.0	-0.1
58	-0.6	0.1	-0.2	-0.3	0.0	-0.1
57	-0.5	0.1	-0.2	-0.3	0.0	-0.1
56	-0.5	0.1	-0.2	-0.4	0.0	-0.1
55	-0.5	0.2	-0.2	-0.4	0.0	-0.2
54	-0.5	0.2	-0.2	-0.3	0.1	-0.1
53	-0.5	0.2	-0.1	-0.3	0.1	-0.1
52	-0.5	0.2	-0.2	-0.3	0.1	-0.1
51	-0.5	0.1	-0.2	-0.4	0.1	-0.1
50	-0.5	0.1	-0.1	-0.4	0.1	-0.2
49	-0.4	0.1	-0.1	-0.4	0.1	-0.1
48	-0.4	0.1	-0.2	-0.3	0.1	-0.1
47	-0.4	0.1	-0.1	-0.3	0.1	-0.1
46	-0.5	0.2	-0.1	-0.3	0.1	-0.1
45	-0.5	0.2	-0.2	-0.4	0.1	-0.1
44	-0.5	0.2	-0.1	-0.4	0.1	-0.1
43	-0.5	0.2	-0.1	-0.4	0.1	-0.1
42	-0.5	0.2	-0.1	-0.3	0.1	-0.1
41	-0.4	0.2	-0.2	-0.3	0.2	-0.1
40	-0.4	0.2	-0.1	-0.3	0.2	-0.1
39	-0.4	0.2	-0.1	-0.4	0.2	-0.1
38	-0.4	0.2	-0.1	-0.4	0.2	-0.1
37	-0.4	0.3	-0.1	-0.4	0.2	-0.1
36	-0.4	0.2	-0.1	-0.3	0.2	-0.1
35	-0.4	0.2	-0.1	-0.3	0.2	-0.1
34	-0.4	0.2	-0.1	-0.4	0.2	0.0
33	-0.4	0.2	-0.1	-0.4	0.2	-0.1
32	-0.3	0.2	-0.1	-0.4	0.2	-0.1
31	-0.3	0.2	0.0	-0.4	0.2	-0.1
30	-0.3	0.2	-0.1	-0.3	0.2	-0.1
29	-0.3	0.3	-0.1	-0.3	0.2	0.0
28	-0.3	0.3	0.0	-0.4	0.3	-0.1
27	-0.3	0.3	0.0	-0.4	0.3	-0.1
26	-0.3	0.3	-0.1	-0.4	0.3	-0.1
25	-0.3	0.3	0.0	-0.3	0.3	-0.1
24	-0.2	0.3	0.0	-0.3	0.3	0.0
23	-0.3	0.3	-0.1	-0.3	0.3	0.0
22	-0.3	0.3	0.0	-0.4	0.3	-0.1
21	-0.3	0.2	0.0	-0.4	0.3	-0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 1 AND 0

RAW SCORE	CAT DIFF	CBTS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAI DIFF
20	-0.3	0.3	0.0	-0.4	0.3	-0.1
19	-0.3	0.3	-0.1	-0.3	0.3	0.0
18	-0.3	0.3	0.0	-0.3	0.3	0.0
17	-0.3	0.3	0.0	-0.4	0.4	-0.1
16	-0.2	0.3	0.0	-0.4	0.4	-0.1
15	-0.2	0.3	0.0	-0.4	0.4	-0.1
14	-0.2	0.3	0.0	-0.4	0.4	0.0
13	-0.2	0.3	0.0	-0.3	0.4	0.0
12	-0.2	0.3	0.0	-0.3	0.4	-0.1
11	-0.2	0.4	0.0	-0.4	0.4	-0.1
10	-0.2	0.4	0.0	-0.4	0.4	-0.1
9	-0.2	0.4	0.1	-0.4	0.4	0.0
8	-0.2	0.4	0.0	-0.4	0.4	0.0
7	-0.1	0.3	0.0	-0.3	0.4	0.0
6	-0.1	0.3	0.1	-0.3	0.4	-0.1
5	-0.1	0.3	0.1	-0.4	0.4	-0.1
4	-0.1	0.3	0.0	-0.4	0.4	0.0
3	-0.1	0.3	0.1	-0.4	0.5	0.0
2	-0.1	0.4	0.1	-0.4	0.5	0.0
1	-0.2	0.4	0.0	-0.3	0.5	-0.1
0	-0.2	0.4	0.0	-0.4	0.5	-0.1

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAY EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP11 DIFF	SRA DIFF	SAT DIFF
122	0.0	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.1	0.0	0.0	0.0
120	0.0	0.0	0.1	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.1	0.0	0.0	0.0
117	0.0	0.0	0.1	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.1	0.0	0.0	0.0
114	0.0	0.0	0.1	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.1	0.0	0.0	0.0
111	0.0	0.0	0.1	0.0	0.0	0.1
110	0.0	0.0	0.0	0.0	0.0	0.1
109	0.0	0.0	0.0	0.0	0.0	0.1
108	0.0	0.0	0.1	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0	0.0	0.1
105	0.0	0.0	0.1	0.0	0.0	0.1
104	0.0	0.0	0.0	0.0	0.0	0.1
103	0.0	0.0	0.0	0.0	0.0	0.0
102	0.0	0.0	0.1	0.0	0.0	0.0
101	0.0	0.0	0.1	0.0	0.0	0.1
100	0.0	0.0	0.0	0.0	0.0	0.1
99	0.0	0.0	0.1	0.0	0.0	0.1
98	0.0	0.0	0.1	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.1	0.0	0.0	0.1
95	0.0	0.0	0.1	0.0	0.0	0.1
94	0.0	0.0	0.0	0.0	0.0	0.1
93	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.1	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.1
89	0.0	0.0	0.1	0.0	0.0	0.1
88	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.1	0.0	0.0	0.0
85	0.2	0.0	0.0	0.0	0.0	0.1
84	0.2	0.0	0.0	0.0	0.0	0.1
83	0.2	0.1	0.1	0.0	0.0	0.0
82	0.1	0.1	0.0	0.0	0.1	0.0
81	0.1	0.0	0.0	0.0	0.1	0.0
80	0.1	0.0	0.1	0.0	0.1	0.1
79	0.1	0.0	0.1	0.0	0.1	0.1
78	0.1	0.0	0.0	0.0	0.0	0.0
77	0.1	0.0	0.0	0.0	0.0	0.0
76	0.1	0.0	0.1	0.0	0.0	0.0
75	0.2	0.0	0.0	0.0	0.0	0.1
74	0.1	0.0	0.0	0.0	0.0	0.1
73	0.1	0.1	0.1	0.0	0.0	0.0
72	0.1	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	0.1	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.1	0.0	0.0	0.1
69	0.1	0.0	0.0	0.0	0.0	0.0
68	0.1	0.0	0.0	0.0	0.0	0.0
67	0.1	0.0	0.1	0.0	0.1	0.0
66	0.2	0.0	0.0	0.0	0.0	0.0
65	0.1	0.0	0.0	0.0	0.0	0.1
64	0.1	0.0	0.1	0.0	0.0	0.0
63	0.1	0.0	0.0	0.0	0.0	0.0
62	0.1	0.0	0.0	0.0	0.0	0.0
61	0.1	0.0	0.0	0.0	0.0	0.0
60	0.1	0.0	0.1	0.1	0.0	0.1
59	0.1	0.0	0.0	0.0	0.0	0.0
58	0.1	0.0	0.0	0.1	0.0	0.0
57	0.0	0.0	0.1	0.1	0.0	0.0
56	0.1	0.0	0.0	0.1	0.0	0.0
55	0.1	-0.1	0.0	0.1	0.0	0.0
54	0.1	-0.1	0.1	0.0	-0.1	0.0
53	0.1	0.0	0.0	0.0	0.0	0.0
52	0.1	0.0	0.0	0.1	0.0	0.0
51	0.1	0.0	0.1	0.1	0.0	0.0
50	0.1	0.0	0.0	0.1	0.0	0.0
49	0.0	0.0	0.0	0.1	0.0	0.0
48	0.0	0.0	0.1	0.0	0.0	0.0
47	0.1	0.0	0.0	0.0	0.0	0.0
46	0.1	-0.1	0.0	0.0	0.0	0.0
45	0.1	-0.1	0.0	0.1	0.0	0.0
44	0.1	0.0	0.0	0.1	0.0	0.0
43	0.1	0.0	0.0	0.1	0.0	0.0
42	0.1	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.1	0.0	-0.1	0.0
40	0.0	0.0	0.0	0.0	-0.1	0.0
39	0.0	0.0	0.0	0.1	-0.1	0.0
38	0.0	0.0	0.1	0.1	0.0	0.0
37	0.1	-0.1	0.0	0.1	0.0	0.0
36	0.1	-0.1	0.0	0.0	0.0	0.0
35	0.1	-0.1	0.1	0.0	0.0	0.0
34	0.1	0.0	0.0	0.0	0.0	0.0
33	0.1	0.0	0.0	0.1	0.0	0.0
32	0.0	0.0	0.1	0.1	0.0	0.0
31	0.0	0.0	0.0	0.1	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	-0.1	0.0	0.0	0.0	0.0
28	0.0	-0.1	0.0	0.0	-0.1	0.0
27	0.1	-0.1	0.0	0.0	-0.1	0.0
26	0.1	-0.1	0.0	0.1	-0.1	0.0
25	0.1	-0.1	0.0	0.0	-0.1	0.0
24	0.0	0.0	0.0	0.0	-0.1	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 2 AND 1

RAW SCORE	CAT DIFF	CRBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
20	0.0	-0.1	0.0	0.1	0.0	0.0
19	0.0	-0.1	0.1	0.0	0.0	-0.1
18	0.1	-0.1	0.0	0.0	0.0	0.0
17	0.1	-0.1	0.0	0.0	0.0	0.0
16	0.0	-0.1	0.1	0.0	-0.1	0.0
15	0.0	-0.1	0.0	0.0	-0.1	0.0
14	0.0	0.0	0.0	0.1	-0.1	-0.1
13	0.0	0.0	0.0	0.0	-0.1	0.0
12	0.0	0.0	0.0	0.0	-0.1	0.0
11	0.0	-0.1	0.0	0.0	-0.1	0.0
10	0.0	-0.1	0.0	0.0	-0.1	0.0
9	0.0	-0.1	0.0	0.0	-0.1	-0.1
8	0.1	-0.1	0.0	0.0	0.0	0.0
7	0.0	-0.1	0.0	0.0	0.0	0.0
6	0.0	-0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	-0.1
3	0.0	0.0	0.0	0.0	-0.1	0.0
2	0.0	-0.1	0.0	0.0	-0.1	0.0
1	0.0	-0.1	0.0	0.0	-0.1	0.0
0	0.0	-0.1	0.1	0.0	-0.1	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 3 AND 2

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122	0.0	0.0	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	-0.1	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0	0.0	-0.1
105	0.0	0.0	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0	0.0	-0.1
100	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	-0.1	0.0	0.0	-0.1
95	0.0	0.0	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0	0.0	0.0
85	-0.1	0.0	0.0	0.0	0.0	0.0
84	-0.1	0.0	0.0	0.0	0.0	0.0
83	0.0	-0.1	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	-0.1	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0	0.0
75	-0.1	0.0	0.0	0.0	0.0	0.0
74	-0.1	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SURTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 3 AND 2

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP11 DIFF	SPA DIFF	SAT DIFF
71	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0	0.0
66	-0.1	0.0	0.0	0.0	0.0	0.0
65	-0.1	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	-0.1	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	-0.1
59	0.0	0.0	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	-0.1	0.0	0.0
57	0.0	0.0	0.0	0.0	0.0	0.0
56	-0.1	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0
54	0.0	0.1	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	-0.1	0.0	0.0
51	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0
47	-0.1	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
37	-0.1	0.0	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.1	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	-0.1	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.1	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.1	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST EQUATING STUDY: TOTAL
MAIN ANALYSIS

SUBTEST AT GRADE 6

LINEAR METHOD PROCEDURE 2 -- DIFFERENCES BETWEEN MAT EQUIVALENT SCORES FOR TRIALS 3 AND 2

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
20	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.1
18	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.1	0.0	0.0	0.0	0.0
15	0.0	0.1	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.1	0.0
9	0.0	0.0	0.0	0.0	0.1	0.0
8	0.0	0.0	0.0	0.1	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.1	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.1	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122			C.8			
121			1.0			
120			C.9			
119			C.8			
118			C.7			
117			C.6			
116			C.4			
115			C.3			
114			C.2			
113			C.2			0.9
112			C.1			0.8
111			C.0			0.7
110			-C.1			0.6
109			-C.1			
108			-C.2			0.4
107			-C.1			0.2
106			C.0			0.1
105			C.1			0.0
104			C.0			0.0
103			C.0			-0.1
102			C.1			-0.1
101			C.1			-0.1
100			C.1			-0.1
99			C.1			0.0
98			C.1			0.1
97			C.1			0.1
96			C.0			0.1
95			0.1			0.0
94			C.0			0.1
93			C.0			0.1
92			C.1			0.0
91			C.0			0.0
90			C.0			0.0
89			C.0		0.7	0.0
88			-C.1		0.3	0.0
87			-C.1		-0.1	0.0
86			-C.1		-0.2	0.0
85			-C.1		-0.1	-0.1
84	0.9	C.9	-C.1		0.0	-0.1
83	C.8	C.7	-C.1		0.0	-0.1
82	C.7	C.6	-C.1		0.1	-0.1
81	0.6	C.4	-C.1		0.0	-0.1
80	0.4	C.1	-C.1		0.0	-0.1
79	0.3	C.0	-C.1		0.0	0.0
78	0.2	-C.1	-C.1		0.0	0.0
77	C.1	-C.2	C.0		0.0	0.0
76	-0.0	-C.2	C.0		0.0	0.0
75	-0.1	C.0	C.0		0.1	-0.1
74	0.0	-C.1	C.0		0.0	-0.1
73	0.0	-C.1	-C.2		0.0	-0.2
72	C.0	C.0	-C.1		-0.1	-0.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	ICES DIFF	STEPII DIFF	SIA DIFF	SAT DIFF
71	0.0	0.0	-0.2		0.0	-0.1
70	-0.1	-0.1	-0.2		-0.1	-0.1
69	0.0	-0.1	-0.2		0.0	-0.1
68	-0.1	-0.1	-0.3		-0.0	-0.1
67	-0.1	0.0	-0.3		0.0	-0.1
66	-0.1	-0.1	-0.3		0.0	-0.1
65	-0.1	-0.1	-0.4		0.0	-0.1
64	-0.1	-0.1	-0.4		0.0	-0.2
63	-0.2	-0.2	-0.4		0.0	-0.1
62	-0.2	-0.1	-0.4		0.0	-0.1
61	-0.3	-0.1	-0.4	0.5	0.0	-0.1
60	-0.3	0.0	-0.4	-0.1	-0.1	0.1
59	-0.3	0.1	-0.3	-0.2	-0.1	0.1
58	-0.3	0.1	-0.3	0.0	0.1	0.1
57	-0.3	0.1	-0.3	0.0	0.0	0.1
56	-0.3	0.0	-0.2	0.0	-0.1	0.1
55	-0.3	0.0	-0.2	0.0	-0.1	0.1
54	-0.2	0.0	-0.3	-0.1	-0.1	0.1
53	-0.3	0.0	-0.3	-0.1	0.0	0.2
52	-0.4	0.0	-0.3	-0.1	0.1	0.2
51	-0.4	0.0	-0.3	0.0	0.1	0.2
50	-0.5	0.0	-0.3	0.0	0.0	0.2
49	-0.5	-0.1	-0.3	-0.1	0.0	0.2
48	-0.5	0.0	-0.3	-0.1	0.0	0.2
47	-0.5	-0.1	-0.3	-0.2	-0.1	0.5
46	-0.5	-0.1	-0.2	-0.2	-0.1	0.4
45	-0.6	0.1	-0.2	-0.3	-0.1	0.4
44	-0.6	0.1	-0.1	-0.3	-0.1	0.4
43	-0.6	0.0	-0.1	-0.1	-0.1	0.4
42	-0.6	0.1	-0.3	0.0	-0.1	0.6
41	-0.6	0.1	-0.3	0.0	0.0	0.6
40	-0.6	0.1	-0.3	-0.1	0.0	0.7
39	-0.7	0.1	-0.3	-0.1	0.1	0.7
38	-0.6	0.2	-0.1	-0.1	0.1	0.7
37	-0.6	0.2	-0.1	0.0	0.0	0.6
36	-0.7	0.2	-0.1	0.1	0.0	0.6
35	-0.7	0.1	-0.1	0.2	-0.1	0.6
34	-0.6	0.1	0.0	0.1	0.0	0.5
33	-0.7	0.1	0.1	0.1	-0.1	0.6
32	-0.6	0.1	0.2	0.1	-0.1	0.6
31	-0.7	0.1	0.2	0.2	0.0	0.6
30	-0.7	0.1	0.3	0.1	-0.1	0.6
29	-0.6	0.2	0.3	0.1	-0.1	0.7
28	-0.6	0.2	0.2	0.0	-0.1	0.7
27	-0.6	0.1	0.1	0.1	-0.1	0.7
26	-0.5	0.1	0.1	0.3	-0.1	0.6
25	-0.5	0.1	0.1	0.3	-0.1	0.5
24	-0.4	0.0	0.0	0.3	-0.1	0.4
23	-0.4	0.0	0.1	0.3	-0.1	0.4
22	-0.3	0.3	0.1	0.3	-0.1	0.4
21	-0.4	0.3	0.1	0.2	-0.1	0.4

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 3) -OR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITES DIFF	STEP1 DIFF	SRA DIFF	SAT DIFF
20	-0.4	C.3	C.0	0.2	-0.1	0.4
19	-0.3	C.2	C.0	C.2	0.0	0.4
18	-0.3	C.3	C.1	C.3	C.0	0.4
17	-0.4	C.1	C.3	0.2	-0.1	0.4
16	-0.3	C.2	C.2	C.2	-0.2	0.4
15	-0.4	C.2	C.3	C.2	-0.2	0.4
14	-0.1	C.3	C.2	C.3	-0.1	0.4
13	C.1	C.3	C.1	0.2	C.0	0.5
12	C.2	C.3	C.2	C.4	C.0	0.5
11	C.1	C.2	C.1	C.3	C.0	0.5
10	C.1	C.2	C.1	C.3	C.0	0.6
9	0.0	C.1	C.1	0.3	C.0	0.6
8	0.1	C.1	C.0	C.2	C.0	0.6
7	C.0	C.0	C.0	0.2	C.0	0.6
6	C.0	C.0	-C.1	C.2	C.0	0.7
5	C.0	C.0	-C.1	C.2	C.0	0.7
4	0.0	C.0	-C.1	C.1	C.0	0.7
3	-0.1	-C.1	-C.2	C.1	C.0	0.8
2	C.0	-C.1	-C.1	0.1	0.0	0.8
1	-0.1	-C.2	C.0	0.0	0.0	0.8
0	C.0	C.0	C.0	C.0	C.0	0.8

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	C1B5 DIFF	IES DIFF	STEP11 DIFF	SR9 DIFF	SAT DIFF
122			C.0			
121			C.0			
120			C.0			
119			C.0			
118			C.0			
117			C.0			
116			C.0			
115			C.0			
114			C.0			
113			C.0			
112			C.0			0.0
111			C.0			0.0
110			C.0			0.0
109			C.0			0.0
108			C.0			0.0
107			C.0			0.0
106			C.0			0.0
105			C.0			0.0
104			C.1			0.0
103			C.1			0.0
102			C.0			0.0
101			C.0			0.0
100			C.0			0.0
99			C.0			0.0
98			-C.1			0.0
97			C.0			0.0
96			C.0			0.0
95			-C.1			0.0
94			C.0			0.0
93			C.0			0.0
92			-C.1			0.0
91			-C.1			0.0
90			-C.1		0.0	0.0
89			C.0		0.0	0.0
88			C.0		0.0	0.0
87			C.0		0.1	0.0
86			C.0		0.0	0.1
85	C.0	C.0	C.0		0.0	0.1
84	C.0	C.0	C.0		0.0	0.1
83	C.0	C.0	C.1		0.0	0.1
82	C.0	C.0	C.0		0.0	0.1
81	C.0	C.0	C.0		0.0	0.1
80	C.0	C.0	C.0		0.0	0.0
79	-C.1	C.0	C.0		0.0	0.0
78	C.0	C.0	C.0		0.0	0.0
77	C.0	C.0	-C.1		0.0	0.0
76	C.0	C.0	-C.1		-0.1	0.0
75	C.0	C.0	-C.1		0.0	0.0
74	C.0	C.0	-C.1		0.0	0.0
73	-C.1	C.0	C.0		0.1	0.0
72	C.0	C.0	C.0		0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
71	0.0	0.0	0.1		0.0	0.0
70	0.0	0.0	0.0		0.1	0.0
69	0.0	0.0	0.0		0.0	0.0
68	0.0	0.0	0.1		0.0	-0.1
67	0.0	0.0	0.1		0.0	-0.1
66	0.0	0.0	0.0		0.0	-0.1
65	0.0	0.0	0.1		0.0	-0.1
64	0.0	0.0	0.1		0.0	0.0
63	0.1	0.0	0.0		0.0	0.0
62	0.1	0.0	0.0		0.0	0.0
61	0.1	0.0	0.0		0.0	0.0
60	0.1	0.0	0.0	0.0	0.0	-0.1
59	0.1	0.0	0.0	0.0	0.0	-0.1
58	0.2	0.0	0.0	0.0	0.0	-0.1
57	0.2	0.0	0.0	0.0	0.0	0.0
56	0.2	0.0	0.0	0.0	0.1	0.0
55	0.2	0.0	0.0	-0.1	0.1	0.0
54	0.1	0.0	0.1	-0.2	0.1	0.0
53	0.1	0.0	0.1	-0.1	0.0	0.0
52	0.1	0.0	0.1	0.1	0.0	0.0
51	0.1	0.0	0.1	0.0	0.0	0.0
50	0.2	0.0	0.2	0.0	0.0	0.1
49	0.1	0.0	0.1	0.0	0.1	0.1
48	0.2	0.0	0.2	0.2	0.0	0.0
47	0.1	0.0	0.1	0.1	0.0	-0.2
46	0.1	0.0	0.1	0.0	0.0	-0.2
45	0.1	0.0	0.0	0.0	-0.1	-0.2
44	0.1	0.0	-0.1	0.0	0.0	-0.1
43	0.1	0.1	-0.1	0.0	0.0	-0.1
42	0.2	0.1	0.0	0.0	0.1	-0.2
41	0.1	0.0	0.0	0.0	0.0	-0.1
40	0.1	0.0	0.0	-0.1	0.0	-0.2
39	0.2	-0.1	-0.1	-0.2	-0.1	-0.1
38	0.1	-0.1	-0.2	-0.1	-0.1	-0.1
37	0.1	0.0	-0.1	-0.2	0.0	0.0
36	0.1	-0.1	-0.1	-0.2	-0.1	0.0
35	0.1	-0.1	0.1	-0.2	0.0	0.0
34	0.1	-0.1	0.1	-0.1	0.0	0.0
33	0.1	-0.1	0.0	0.0	0.0	-0.1
32	0.1	0.0	0.0	-0.1	0.0	-0.1
31	0.1	0.0	-0.1	-0.2	0.0	0.0
30	0.2	0.0	-0.1	-0.1	0.1	0.0
29	0.1	0.0	-0.1	-0.1	0.2	0.0
28	0.0	0.0	0.0	0.0	0.2	-0.1
27	0.1	0.0	0.0	0.0	0.2	-0.1
26	0.1	0.1	-0.1	-0.1	0.2	0.0
25	0.1	0.1	0.0	-0.1	0.2	0.1
24	0.1	-0.1	0.0	-0.1	0.2	0.1
23	0.1	-0.1	0.0	-0.1	0.3	0.0
22	0.2	0.0	0.0	0.0	0.3	0.1
21	0.2	0.0	0.0	0.1	0.3	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RA SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SBA DIFF	SAT DIFF
20	0.2	0.0	0.0	0.1	0.2	0.0
19	0.2	0.1	0.0	0.1	0.2	-0.1
18	0.2	0.1	-0.1	0.1	0.1	-0.1
17	0.2	0.1	-0.1	0.1	0.1	0.0
16	0.2	-0.1	-0.1	0.1	0.2	0.0
15	0.2	-0.2	-0.1	0.1	0.1	0.0
14	0.2	-0.2	-0.1	0.0	0.1	0.0
13	0.2	-0.2	0.0	-0.1	0.1	0.0
12	1.0	-0.2	-0.1	-0.1	0.1	-0.1
11	1.0	-0.1	0.0	-0.1	0.0	0.0
10	1.0	-0.1	-0.1	0.0	0.1	0.0
9	0.0	-0.1	0.0	-0.1	0.1	0.0
8	1.0	0.0	0.0	-0.1	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	-0.1	0.0	0.0
5	0.0	0.0	0.1	-0.1	0.1	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
3	1.0	0.0	0.1	0.0	0.0	0.0
2	0.0	0.1	0.0	0.0	0.0	0.0
1	0.0	0.1	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIOS DIFF	ITPS DIFF	STEP II DIFF	SPA DIFF	SAT DIFF
122			C.0			
121			C.0			
120			C.0			
119			C.0			
118			C.0			
117			C.0			
116			C.0			
115			C.0			
114			C.0			
113			C.0			0.0
112			C.0			C.0
111			C.0			0.0
110			C.0			C.0
109			C.0			0.0
108			C.0			0.0
107			C.0			0.0
106			C.0			0.0
105			C.0			0.0
104			C.0			0.0
103			C.0			0.0
102			C.0			0.0
101			C.0			0.0
100			C.0			0.0
99			C.0			0.0
98			C.0			0.0
97			C.0			0.0
96			C.0			0.0
95			C.0			0.0
94			C.0			0.0
93			C.0			0.0
92			C.0			0.0
91			C.0			0.0
90			C.0		0.0	0.0
89			C.0		0.0	0.0
88			C.0		0.0	0.0
87			C.0		0.0	0.0
86			C.0		0.0	-0.1
85	C.0	C.0	C.0		0.0	-0.1
84	C.0	C.0	C.0		0.0	-0.1
83	C.0	C.0	-C.1		0.0	-0.1
82	C.0	C.0	C.0		0.0	-0.1
81	C.0	C.0	C.0		0.0	-0.1
80	C.0	C.0	C.0		0.0	0.0
79	C.0	C.0	C.0		0.0	0.0
78	C.0	C.0	C.0		0.0	0.0
77	C.0	C.0	C.0		0.0	0.0
76	C.0	C.0	C.0		0.0	0.0
75	C.0	C.0	C.0		0.0	0.0
74	C.0	C.0	C.0		0.0	0.0
73	C.0	C.0	C.0		-0.1	0.0
72	C.0	C.0	C.0		-0.1	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	-0.1	C.0	-0.1		C.0	0.0
70	0.0	0.0	C.0		-0.1	0.0
69	0.0	C.0	C.0		0.0	0.0
68	0.0	C.0	-0.1		0.0	0.0
67	0.0	C.0	-0.1		0.0	0.0
66	0.0	C.0	C.0		0.0	0.0
65	0.0	C.0	C.0		0.0	0.0
64	0.0	C.0	C.0		0.0	0.0
63	-0.1	C.1	C.0		0.0	0.0
62	-0.1	C.0	C.0		0.0	0.0
61	-0.1	C.0	C.0		0.0	0.0
60	-0.1	C.0	C.0	0.0	0.0	0.0
59	-0.1	C.0	C.0	0.0	0.0	0.0
58	-0.2	C.0	C.0	0.0	0.0	0.0
57	-0.2	C.0	C.0	0.0	0.0	0.0
56	-0.2	C.0	C.0	0.0	-0.1	0.0
55	-0.1	C.0	C.0	0.0	-0.1	0.0
54	-0.1	C.0	C.0	0.0	-0.1	0.0
53	0.0	C.0	C.0	0.0	0.0	0.0
52	-0.1	C.0	C.0	-0.1	0.0	0.1
51	-0.1	C.0	C.0	0.0	0.0	0.1
50	-0.2	C.0	-0.1	-0.1	0.0	0.0
49	-0.1	C.0	C.0	-0.2	0.0	0.0
48	-0.1	C.0	-0.1	-0.2	0.1	0.1
47	-0.1	C.0	C.0	-0.1	0.1	0.2
46	0.0	C.0	C.0	0.0	0.1	0.2
45	0.0	C.0	C.1	0.0	0.1	0.2
44	0.0	C.0	C.1	0.0	0.0	0.1
43	0.0	C.0	C.0	0.0	0.1	0.1
42	0.0	C.0	C.0	0.0	0.0	0.2
41	0.0	C.0	-0.1	0.0	0.1	0.1
40	0.0	C.1	-0.1	0.1	0.0	0.2
39	0.0	C.1	C.0	0.1	C.1	0.1
38	0.1	C.0	C.0	0.0	C.1	0.1
37	0.1	C.0	-0.1	0.1	0.0	0.0
36	0.1	C.1	C.0	0.1	0.1	0.0
35	0.0	C.1	-0.1	0.0	0.0	0.1
34	0.0	C.1	-0.1	0.0	0.0	0.1
33	0.1	C.1	C.0	0.0	0.0	0.1
32	0.0	C.0	-0.1	0.0	0.0	0.1
31	0.0	C.0	C.0	0.0	0.0	0.1
30	-0.2	C.0	C.0	0.0	0.0	0.1
29	-0.1	C.0	C.0	0.0	-0.1	0.0
28	0.0	C.0	C.0	-0.1	-0.1	0.1
27	-0.1	C.0	C.0	-0.1	0.0	0.0
26	-0.2	-0.1	C.1	0.0	0.0	0.0
25	-0.2	-0.1	C.1	0.0	0.0	0.0
24	-0.3	C.0	C.1	0.0	0.0	0.0
23	-0.2	C.0	C.1	0.0	0.0	0.1
22	-0.2	C.0	C.1	0.0	0.0	0.1
21	-0.2	C.0	C.1	-0.1	0.0	0.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	ITRS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
20	-0.2	C.C	C.1	-0.2	C.0	0.1
19	-0.2	C.C	C.1	-0.1	C.0	0.2
18	-0.1	C.C	C.1	-0.1	C.0	0.1
17	-0.1	C.1	C.2	-0.1	-C.1	0.1
16	C.0	C.C	C.C	-0.1	-C.1	0.0
15	C.1	C.C	-C.1	-0.1	-C.1	-0.1
14	C.1	-C.1	-C.3	C.0	-0.1	-0.2
13	C.0	-C.1	-C.4	C.C	-C.2	-0.2
12	-C.1	-C.3	-C.5	C.C	-C.2	-0.3
11	-0.3	-C.4	-C.6	-0.1	-C.4	-0.4
10	-C.5	-C.7	-C.8	-0.2	-C.5	-0.5
9	-0.6	-C.8	-1.1	-0.4	-0.5	-0.6
8	-1.0	-C.9	-1.2	-0.4	-0.6	-0.7
7	-1.2	-1.1	-1.4	-0.5	-0.8	-0.8
6	-1.4	-1.3	-1.6	-0.7	-0.9	-0.9
5	-1.5	-C.8	-C.7	-0.8	-1.1	-1.0
4	-C.5	C.C	C.C	-0.9	-1.1	-1.1
3	0.0	0.0	C.C	-0.9	-1.1	-1.2

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITPS DIFF	STEP II DIFF	S/A D.F.	SAT DIFF
122			0.0			
121			0.0			
120			0.0			
119			0.0			
118			0.0			
117			0.0			
116			0.0			
115			0.0			
114			0.0			
113			0.0			
112			0.0			0.0
111			0.0			0.0
110			0.0			0.0
109			0.0			0.0
108			0.0			0.0
107			0.0			0.0
106			0.0			0.0
105			0.0			0.0
104			0.0			0.0
103			0.0			0.0
102			0.0			0.0
101			0.0			0.0
100			0.0			0.0
99			0.0			0.0
98			-0.1			0.0
97			0.0			0.0
96			0.0			0.0
95			-0.1			0.0
94			0.0			0.0
93			0.0			0.0
92			-0.1			0.0
91			-0.1			0.0
90			-0.1		0.0	0.0
89			0.0		0.0	0.0
88			0.0		0.0	0.0
87			0.0		0.0	0.0
86			0.0		0.0	0.0
85	0.0	0.0	0.0		0.0	0.0
84	0.0	0.0	0.0		0.0	0.0
83	0.0	0.0	0.0		0.0	0.0
82	0.0	0.0	-0.1		0.0	0.0
81	0.0	0.0	-0.1		0.0	0.0
80	0.0	0.0	-0.1		0.0	0.0
79	0.0	0.0	0.0		0.0	0.0
78	0.0	0.0	-0.1		0.0	0.0
77	0.0	0.0	-0.1		0.0	0.0
76	0.0	0.0	-0.1		0.0	0.0
75	0.0	0.0	-0.1		0.0	0.0
74	0.0	0.0	-0.1		0.0	0.0
73	0.0	0.0	0.0		0.0	0.0
72	0.0	0.0	0.0		0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	C-1	C-0	C-0		C-0	C-0
70	C-0	C-0	C-0		C-0	C-0
69	C-0	C-0	C-0		C-0	C-0
68	C-0	C-0	C-0		C-0	C-0
67	C-0	C-0	C-0		C-0	C-0
66	C-0	C-0	C-0		C-0	C-0
65	C-0	C-0	C-0		C-0	C-0
64	C-0	C-0	C-0		C-0	C-0
63	C-1	-C-1	C-0		C-1	C-0
62	C-1	C-0	C-0		C-1	C-0
61	C-1	C-0	C-0		C-0	C-0
60	C-1	C-0	C-0	C-0	C-1	C-0
59	C-1	C-0	C-0	C-0	C-0	C-0
58	C-1	C-0	C-0	C-0	C-0	C-0
57	C-0	C-0	C-0	C-0	C-0	C-0
56	C-0	C-0	C-0	C-0	C-1	C-0
55	C-0	C-0	C-0	C-0	C-1	C-0
54	C-0	C-0	C-0	C-0	C-1	C-0
53	C-0	C-0	C-0	C-0	C-0	C-0
52	C-0	C-0	C-0	C-0	C-0	C-0
51	C-0	C-0	C-0	C-0	C-0	C-0
50	C-0	C-0	C-0	C-1	C-0	C-0
49	C-0	C-0	C-0	C-2	C-0	C-0
48	C-0	C-0	C-0	C-2	C-0	C-0
47	C-0	C-0	C-0	C-1	C-0	C-0
46	C-0	C-0	C-0	C-0	C-0	C-0
45	C-0	C-0	C-0	C-0	C-0	C-0
44	C-0	C-0	C-0	C-0	C-1	C-0
43	C-0	C-0	C-1	C-0	C-0	C-0
42	C-0	-C-1	C-0	C-0	C-1	C-0
41	C-0	C-0	C-1	C-0	C-0	C-0
40	C-0	-C-1	C-1	C-0	C-1	C-0
39	C-0	C-0	C-0	C-0	C-0	C-0
38	-C-1	C-0	C-0	C-0	C-0	C-0
37	-C-1	C-0	C-0	C-0	C-0	C-0
36	-C-1	C-0	C-0	C-0	C-0	C-0
35	C-0	C-0	C-0	C-0	C-0	-C-1
34	C-0	C-0	C-0	C-0	C-0	-C-1
33	C-0	C-0	-C-1	C-0	C-0	C-0
32	C-0	C-0	C-0	C-0	C-0	C-0
31	C-0	C-0	-C-1	C-0	C-0	-C-1
30	C-0	C-0	C-0	C-0	C-0	-C-1
29	C-0	C-0	C-0	C-1	C-0	C-0
28	C-0	C-0	C-0	C-1	C-0	-C-1
27	C-1	C-0	C-0	C-1	-C-1	C-0
26	C-1	C-0	C-0	C-0	-C-1	C-0
25	C-2	C-0	C-0	C-0	-C-1	C-0
24	C-0	-C-1	-C-1	-C-1	-C-1	C-0
23	-C-1	-C-1	-C-1	C-0	-C-1	C-0
22	-C-1	-C-1	-C-1	C-0	-C-1	-C-1
21	C-0	C-0	-C-1	C-1	-C-1	-C-1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3, FOR PROCEDURE 1 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITES DIFF	STEP II DIFF	SRI DIFF	SAT DIFF
20	0.0	0.0	-0.1	0.2	0.0	-0.1
19	0.1	0.0	-0.1	0.1	0.0	-0.1
18	0.0	0.0	-0.1	0.0	0.0	-0.1
17	0.0	0.0	-0.1	0.1	0.1	-0.1
16	0.0	0.0	-0.2	0.1	0.1	-0.2
15	0.0	0.0	-0.0	0.1	0.1	-0.2
14	-0.1	0.0	0.1	0.1	0.1	-0.1
13	-0.1	0.1	0.3	0.0	0.0	-0.1
12	0.0	0.1	0.4	0.0	0.1	-0.1
11	0.1	0.3	0.6	0.0	0.2	0.0
10	0.3	0.4	0.6	0.1	0.3	0.0
9	0.5	0.5	0.8	0.2	0.3	0.1
8	0.6	0.7	0.9	0.2	0.5	0.1
7	0.8	0.8	1.1	0.4	0.5	0.1
6	1.0	0.9	1.2	0.4	0.6	0.1
5	1.0	1.1	1.4	0.5	0.7	0.1
4	1.2	1.2	1.4	0.6	0.8	0.2
3	1.4	1.3	1.6	0.7	0.9	0.2
2	1.5	1.5	0.7	0.8	0.9	0.2
1	0.5	0.8	0.0	0.9	1.1	0.2
0	0.0	0.0	0.0	0.9	1.1	0.3

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENTIAL TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIES DIFF	ITES DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122			0.0			
121			0.0			
120			0.0			
119			0.0			
118			0.0			
117			0.0			
116			0.0			
115			0.0			
114			0.0			
113			0.0			0.0
112			0.0			0.0
111			0.0			0.0
110			-0.1			-0.1
109			-0.1			-0.4
108			-0.1			-0.3
107			-0.1			-0.2
106			-0.1			0.0
105			-0.1			0.1
104			0.0			0.1
103			0.0			-0.1
102			-0.1			-0.1
101			-0.2			0.0
100			-0.1			0.0
99			-0.1			-0.1
98			0.0			0.0
97			0.1			-0.1
96			0.0			0.0
95			0.1			0.0
94			0.0			0.0
93			0.1			0.0
92			0.0			0.0
91			0.0			0.0
90			0.0		0.0	0.0
89			0.0		0.1	0.0
88			0.0		0.1	0.0
87			-0.1		0.1	0.0
86			0.0		0.2	0.0
85	0.0	0.0	-0.1		0.1	0.0
84	0.0	0.0	0.0		0.0	0.0
83	0.0	0.1	0.0		0.0	0.0
82	0.0	0.1	-0.1		0.1	0.0
81	0.0	0.1	-0.1		0.1	0.0
80	0.0	0.2	0.0		0.1	0.0
79	0.1	0.2	0.0		0.1	0.0
78	0.1	0.0	0.0		0.0	0.0
77	0.1	0.1	-0.1		0.1	-0.1
76	0.1	0.1	-0.2		0.0	-0.1
75	0.0	0.1	-0.2		0.1	-0.1
74	0.0	0.0	-0.2		0.0	-0.1
73	0.0	0.0	-0.1		0.1	-0.1
72	0.0	0.1	-0.2		0.1	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 0) FOR PROCEDURE 2 GRADE 6 TOTAL
 MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITDS DIFF	STEP II DIFF	SFA DIFF	SAT DIFF
71	0.0	0.2	-0.1		0.1	-0.1
70	-0.1	0.1	-0.2		0.2	-0.1
69	-0.2	0.1	-0.1		0.2	-0.1
68	-0.1	0.2	-0.1		0.1	0.0
67	-0.1	0.2	-0.1		0.1	0.0
66	-0.1	0.2	-0.1		0.1	0.0
65	-0.2	0.2	-0.1		0.1	0.1
64	-0.2	0.3	-0.1		0.0	0.0
63	-0.3	0.3	-0.1		0.1	0.0
62	-0.3	0.2	-0.1		0.1	0.0
61	-0.3	0.2	-0.1		0.0	0.0
60	-0.3	0.1	-0.1	0.0	0.0	0.0
59	-0.3	0.2	-0.1	-0.1	0.1	0.0
58	-0.3	0.2	-0.2	0.1	0.2	-0.1
57	-0.3	0.2	-0.1	0.1	0.2	-0.1
56	-0.3	0.1	-0.2	0.1	0.3	-0.2
55	-0.4	0.2	-0.2	0.1	0.3	-0.2
54	-0.4	0.2	-0.2	0.0	0.2	-0.2
53	-0.4	0.2	-0.3	-0.1	0.2	-0.2
52	-0.5	0.3	-0.2	-0.1	0.2	-0.2
51	-0.5	0.2	-0.2	-0.3	0.2	-0.2
50	-0.5	0.3	-0.2	-0.2	0.1	-0.1
49	-0.6	0.3	-0.1	-0.2	0.1	-0.1
48	-0.5	0.4	-0.1	-0.1	0.1	0.0
47	-0.5	0.3	-0.1	-0.1	0.1	0.0
46	-0.4	0.3	-0.1	-0.2	0.1	-0.1
45	-0.4	0.3	0.0	-0.2	0.2	-0.1
44	-0.3	0.4	0.0	-0.3	0.2	-0.1
43	-0.2	0.2	0.1	-0.3	0.2	-0.2
42	-0.3	0.3	0.0	-0.4	0.3	-0.1
41	-0.3	0.4	-0.1	-0.5	0.4	-0.1
40	-0.4	0.1	0.0	-0.6	0.5	0.0
39	-0.5	0.1	0.0	-0.4	0.5	0.1
38	-0.4	0.1	0.1	-0.3	0.4	0.2
37	-0.4	0.1	0.2	-0.3	0.5	0.2
36	-0.4	0.1	0.2	-0.2	0.5	0.2
35	-0.4	0.2	0.2	-0.2	0.4	0.1
34	-0.4	0.2	0.1	-0.1	0.5	0.0
33	-0.3	0.3	0.1	-0.1	0.5	0.0
32	-0.2	0.3	0.2	-0.1	0.6	0.0
31	-0.2	0.4	0.1	0.0	0.6	0.1
30	-0.3	0.5	0.1	0.1	0.6	0.1
29	-0.4	0.6	0.2	0.0	0.5	0.0
28	-0.4	0.7	0.1	0.0	0.5	0.0
27	-0.3	0.6	0.2	0.0	0.4	-0.1
26	-0.3	0.6	0.2	-0.2	0.4	-0.1
25	-0.3	0.5	0.1	0.0	0.4	0.0
24	-0.4	0.7	0.1	0.0	0.3	0.1
23	-0.2	0.6	0.0	0.1	0.3	0.2
22	-0.1	0.4	0.0	0.0	0.1	0.1
21	-0.2	0.4	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 1 - CYCLE 6) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTPS DIFF	ITES DIFF	SIPIII DIFF	SPF DIFF	SAT DIFF
20	-0.2	0.3	0.0	-0.1	0.0	0.1
19	-0.1	0.2	0.0	0.0	-0.1	0.1
18	-0.1	0.2	0.1	-0.1	-0.1	0.2
17	-0.3	0.0	0.5	-0.1	-0.3	0.1
16	-0.5	-0.1	0.4	-0.1	-0.4	0.2
15	-0.6	-0.4	0.4	-0.1	-0.3	0.2
14	-0.6	-0.5	0.3	-0.1	-0.5	0.2
13	-0.6	-0.5	0.2	-0.2	-0.5	0.1
12	-0.6	-0.5	0.3	-0.2	-0.4	0.1
11	-0.5	-0.4	0.2	-0.3	-0.3	0.1
10	-0.4	-0.4	0.1	-0.6	-0.3	0.1
9	-0.4	-0.3	0.0	-0.9	-0.3	0.1
8	-0.2	-0.3	0.0	-1.2	-0.2	0.1
7	-0.2	-0.2	-0.1	-1.6	-0.2	0.1
6	-0.1	-0.2	-0.2	-1.9	-0.1	0.0
5	0.0	-0.1	-0.3	-2.2	0.0	0.0
4	0.0	-0.1	-0.2	-2.6	0.0	0.0
3	0.1	0.0	-0.3	-2.9	0.0	0.0
2	0.2	0.0	-0.2	-1.4	0.0	0.0
1	0.2	0.0	0.0	0.0	0.1	0.0
0	0.4	0.0	0.0	0.0	0.2	-0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITPS DIFF	STEP II DIFF	SFA DIFF*	SAT DIFF
122			C.C			
121			C.C			
120			C.C			
119			C.C			
118			C.C			
117			C.C			
116			C.C			
115			C.C			
114			C.C			
113			C.C			0.0
112			C.C			-0.1
111			C.C			-0.4
110			C.C			-0.3
109			C.C			-0.2
108			C.C			-0.1
107			C.C			-0.1
106			C.C			0.0
105			C.C			0.0
104			C.C			0.0
103			-C.1			0.1
102			-C.1			0.0
101			C.C			0.0
100			-C.1			0.0
99			C.C			0.0
98			-C.1			0.0
97			-C.2			0.0
96			-C.1			-0.1
95			-C.2			-0.1
94			-C.1			-0.1
93			-C.1			-0.1
92			-C.1			-0.1
91			-C.1			-0.1
90			-C.1		0.0	-0.1
89			-C.1		0.0	-0.1
88			-C.1		0.0	-0.1
87			C.C		-0.1	-0.1
86			-C.1		-0.1	0.0
85	0.0	0.0	C.C		0.0	0.0
84	0.0	0.0	-C.1		0.0	0.0
83	0.0	0.0	-C.1		0.0	0.0
82	0.0	0.0	C.C		-0.1	0.0
81	0.0	0.0	C.C		-0.1	0.0
80	0.0	0.0	-C.1		-0.2	0.0
79	0.0	0.0	-C.1		-0.2	0.0
78	0.0	0.0	-C.1		-0.1	0.0
77	0.0	0.0	C.C		-0.1	0.0
76	0.0	0.0	C.C		-0.1	0.0
75	0.1	-0.1	C.C		-0.1	0.0
74	0.0	0.0	C.C		0.0	0.0
73	0.0	0.0	C.C		0.0	0.0
72	0.1	-0.1	C.C		0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CTBS DIFF	ITES DIFF	STEP II DIFF	SH 1 DIFF	SAT DIFF
71	0.1	-0.1	0.0		-0.1	0.0
72	0.1	-0.1	0.0		-0.1	0.0
69	0.1	0.1	0.0		-0.1	0.0
68	0.0	-0.2	0.0		-0.1	0.0
67	-0.1	-0.2	0.0		-0.1	0.0
66	0.0	-0.2	0.0		-0.1	0.0
65	0.0	-0.1	0.0		-0.1	0.0
64	0.0	-0.1	0.0		-0.1	0.0
63	0.0	-0.1	0.1		-0.1	0.1
62	0.0	0.0	0.1		-0.1	0.0
61	0.0	0.0	0.1		-0.1	0.1
60	0.0	0.0	0.1		0.0	0.1
59	0.1	0.0	0.1	0.0	0.0	0.1
58	0.1	0.0	0.2	0.0	-0.1	0.2
57	0.1	0.0	0.1	0.0	-0.1	0.2
56	0.1	0.0	0.2	-0.1	-0.1	0.2
55	0.1	0.0	0.2	-0.2	-0.1	0.2
54	0.1	0.0	0.2	-0.2	0.0	0.2
53	0.1	0.0	0.2	-0.1	0.0	0.2
52	0.1	-0.1	0.1	0.0	0.0	0.2
51	0.1	-0.1	0.2	0.0	0.0	0.2
50	0.1	-0.1	0.2	0.0	0.0	0.2
49	0.1	-0.1	0.2	0.0	0.0	0.2
48	0.1	-0.1	0.2	0.0	0.0	0.2
47	0.1	-0.1	0.2	0.0	0.0	0.2
46	0.1	-0.1	0.2	0.1	0.0	0.1
45	0.2	-0.1	0.1	0.2	0.0	0.1
44	0.1	-0.1	0.1	0.2	0.0	0.0
43	0.1	0.0	0.0	0.2	0.0	0.1
42	0.2	-0.1	0.1	0.3	0.0	0.1
41	0.2	0.0	0.2	0.3	0.0	0.1
40	0.2	0.0	0.2	0.3	0.0	0.1
39	0.2	0.0	0.2	0.1	-0.1	0.1
38	0.1	0.0	0.1	0.2	-0.1	0.0
37	0.1	0.0	0.1	0.2	-0.1	0.0
36	0.1	0.0	0.0	0.2	-0.1	-0.1
35	0.1	0.0	-0.1	0.1	0.1	-0.1
34	0.2	-0.1	-0.1	0.0	0.1	-0.1
33	0.2	-0.1	0.0	0.0	0.1	-0.1
32	0.0	0.0	0.0	0.0	-0.1	0.0
31	0.0	0.0	0.1	-0.2	-0.1	-0.1
30	0.0	0.1	0.1	-0.2	-0.2	0.0
29	0.1	0.0	0.0	-0.1	-0.2	0.0
28	0.0	0.0	0.0	-0.2	-0.3	-0.1
27	0.0	0.0	-0.1	-0.3	-0.1	0.0
26	0.0	-0.1	-0.1	-0.2	-0.1	-0.1
25	0.0	0.0	0.0	-0.2	0.0	0.0
24	0.0	-0.1	0.1	-0.1	0.0	0.0
23	0.0	0.0	0.1	0.0	-0.1	0.0
22	0.0	0.0	0.1	0.0	-0.1	0.1
21	0.0	-0.1	0.1	0.0	-0.1	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 2 - CYCLE 1) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CI85 DIFF	IT85 DIFF	STEP11 DIFF	SRA DIFF	SAI DIFF
20	-0.1	-0.1	0.1	0.0	-0.2	0.0
19	-0.2	-0.2	0.1	-0.1	0.0	0.0
18	-0.1	-0.1	0.0	-0.1	-0.1	-0.1
17	0.1	0.0	0.0	-0.1	0.0	-0.1
16	0.2	0.0	0.0	0.0	0.0	-0.2
15	0.2	0.0	0.0	0.1	0.0	-0.2
14	0.1	-0.1	0.0	0.0	0.0	-0.4
13	0.0	-0.1	0.0	0.0	0.0	-0.1
12	0.0	-0.1	0.0	-0.1	0.0	-0.1
11	0.0	-0.1	0.0	0.0	0.0	-0.1
10	0.0	0.0	0.0	0.4	0.0	-0.1
9	0.0	-0.1	0.0	0.7	0.0	-0.1
8	0.0	0.0	0.0	1.1	0.0	-0.1
7	0.0	-0.1	0.0	1.5	0.0	-0.1
6	0.0	0.0	0.0	1.8	0.0	0.0
5	0.0	-0.1	0.0	2.3	0.0	0.0
4	0.0	0.0	0.0	2.7	0.0	0.0
3	0.0	0.0	0.0	3.0	0.0	0.0
2	0.0	0.0	0.0	1.6	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.1

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIRS DIFF	ITES DIFF	STEP11 DIFF	SR6 DIFF	SAT DIFF
122			C-C			
121			C-C			
120			C-C			
119			C-C			
118			C-C			
117			C-C			
116			C-C			
115			C-C			
114			C-C			
113			C-C			0-C
112			C-C			C-C
111			C-C			0-C
110			C-C			0-C
109			C-C			0-C
108			C-C			0-C
107			C-C			0-C
106			C-C			0-C
105			C-C			0-C
104			C-C			0-C
103			C-C			0-C
102			C-C			0-C
101			C-C			0-C
100			C-C			0-C
99			C-C			0-C
98			C-C			0-C
97			C-C			0-C
96			C-C			0-C
95			C-C			0-C
94			C-C			0-C
93			C-C			0-C
92			C-C			0-C
91			C-C		0-0	0-0
90			C-C		0-0	0-0
89			C-C		0-0	0-0
88			C-C		0-0	0-0
87			C-C		0-0	0-0
86			C-C		0-0	0-0
85	C-0	C-C	C-C		0-0	0-0
84	0-0	C-C	C-C		0-0	0-0
83	0-0	C-C	C-C		0-0	0-0
82	C-C	C-C	C-C		0-0	0-0
81	C-0	C-C	C-C		0-0	0-0
80	C-0	C-C	C-C		0-0	0-0
79	C-C	C-C	C-C		0-0	0-0
78	0-0	C-C	C-C		0-0	0-0
77	0-0	C-C	C-C		0-0	0-0
76	0-0	C-C	C-C		0-0	0-0
75	0-0	C-C	C-C		0-0	0-0
74	C-0	C-C	C-C		0-0	0-0
73	C-0	C-C	C-C		0-0	0-0
72	0-0	C-C	C-C		0-0	0-0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYCLE 2) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RA- SCORE	CAT DIFF	CIBS DIFF	IIRS DIFF	STP11 DIFF	SFA DIFF	SAT DIFF
71	0.0	0.0	0.0		0.0	0.0
70	0.0	0.0	0.0		0.0	0.0
69	0.0	0.0	0.0		0.0	0.0
68	0.0	0.0	0.0		0.0	0.0
67	0.0	0.0	0.0		0.0	0.0
66	-0.1	0.0	0.0		0.0	0.0
65	0.0	0.0	0.0		0.0	0.0
64	-0.1	0.0	0.0		0.0	0.0
63	0.0	0.0	0.0		0.0	0.0
62	0.0	0.0	0.0		0.0	0.0
61	0.0	0.0	0.0		0.0	0.0
60	0.0	0.0	-0.1	0.0	0.0	-0.1
59	0.0	0.0	-0.1	0.0	0.0	0.0
58	0.0	0.0	-0.2	0.0	0.0	-0.1
57	0.0	0.0	-0.1	0.0	0.0	-0.1
56	0.0	0.0	-0.2	0.0	0.0	-0.1
55	0.0	0.0	-0.2	0.0	0.0	-0.1
54	0.0	0.0	-0.1	0.0	0.0	-0.1
53	0.0	0.0	-0.2	0.0	0.0	-0.1
52	0.0	0.0	-0.1	0.0	0.0	-0.1
51	0.0	0.0	-0.2	0.0	0.0	-0.1
50	0.0	0.0	-0.2	0.0	0.0	-0.1
49	0.0	0.0	-0.2	0.0	0.0	-0.1
48	0.0	0.0	-0.2	0.0	0.0	-0.1
47	0.0	0.0	-0.2	0.0	0.0	-0.1
46	0.0	0.0	-0.2	0.0	0.0	0.0
45	0.0	0.0	-0.1	0.0	0.0	0.0
44	0.0	0.0	-0.2	-0.1	0.0	0.0
43	0.0	-0.1	-0.1	-0.2	0.0	0.0
42	0.0	0.0	-0.1	-0.3	0.0	0.0
41	-0.1	0.0	-0.1	-0.2	-0.1	0.0
40	-0.1	0.0	-0.1	-0.1	-0.1	0.0
39	0.0	0.0	-0.1	-0.1	0.0	0.0
38	0.0	0.0	-0.1	-0.2	0.0	0.1
37	0.1	0.0	-0.1	-0.2	0.0	0.1
36	0.1	0.0	-0.1	-0.2	0.0	0.2
35	0.0	0.0	-0.1	-0.1	-0.1	0.2
34	-0.1	0.0	-0.1	0.0	-0.1	0.1
33	-0.1	0.0	-0.2	-0.1	-0.1	0.1
32	0.0	-0.1	-0.1	-0.1	0.0	0.1
31	0.0	-0.1	-0.1	0.0	0.0	0.1
30	0.0	0.0	-0.1	0.0	0.0	0.0
29	-0.1	0.0	-0.1	0.1	0.0	0.0
28	0.1	0.0	-0.1	0.2	0.0	0.0
27	0.1	0.0	0.0	0.2	0.0	0.0
26	0.0	0.0	0.0	0.2	0.0	0.0
25	-0.1	0.0	0.0	0.1	0.0	0.0
24	-0.2	0.0	0.0	0.1	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 3 - CYC-E 2) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	IIES DIFF	STEF DIFF	SRA DIFF	SAT DIFF
20	0.0	0.0	0.0	0.1	0.0	0.1
19	0.0	0.1	0.0	0.1	0.0	0.1
18	0.0	0.1	0.1	0.2	0.0	0.1
17	0.0	0.1	0.1	0.1	0.0	0.1
16	-0.2	0.1	0.1	0.1	0.0	0.1
15	-0.1	0.1	0.1	0.0	0.0	0.1
14	-0.2	0.2	0.1	0.0	0.0	0.1
13	-0.1	0.1	0.1	0.0	0.0	0.1
12	-0.1	0.2	0.0	0.0	0.0	0.1
11	-0.1	0.1	0.0	-0.2	0.0	0.1
10	0.0	0.1	0.0	-0.5	0.0	0.1
9	0.0	0.1	0.0	-0.8	0.0	0.0
8	-0.1	0.1	0.0	-1.2	0.0	0.0
7	-0.1	0.1	0.0	-1.5	0.0	0.0
6	0.0	0.1	0.0	-1.8	0.0	0.0
5	0.0	0.1	0.0	-2.2	0.0	0.0
4	0.0	0.0	-0.1	-2.5	0.0	0.0
3	0.0	0.0	-0.1	-2.9	0.0	0.0
2	0.1	0.0	0.0	-1.6	0.0	0.0
1	0.1	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIPS DIFF	IIRS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
122			C.C			
121			C.C			
120			C.C			
119			C.C			
118			C.C			
117			C.C			
116			C.C			
115			C.C			
114			C.C			
113			C.C			0.0
112			C.C			0.0
111			C.C			0.0
110			C.C			0.0
109			C.C			0.0
108			C.C			0.0
107			C.C			0.0
106			C.C			0.0
105			C.C			0.0
104			C.C			0.0
103			C.C			0.0
102			C.C			0.0
101			C.C			0.0
100			C.C			0.0
99			C.C			0.0
98			C.C			0.0
97			C.C			0.0
96			C.C			0.0
95			C.C			0.0
94			C.C			0.0
93			C.C			0.0
92			C.C			0.0
91			C.C			0.0
90			C.C		0.0	0.0
89			C.C		0.0	0.0
88			C.C		0.0	0.0
87			C.C		0.0	0.0
86			C.C		0.0	0.0
85	0.0	C.C	C.C		0.0	0.0
84	0.0	C.C	C.C		0.0	0.0
83	0.0	C.C	C.C		0.0	0.0
82	0.0	C.C	C.C		0.0	0.0
81	0.0	C.C	C.C		0.0	0.0
80	0.0	C.C	C.C		0.0	0.0
79	C.C	C.C	C.C		0.0	0.0
78	C.C	C.C	C.C		0.0	0.0
77	0.0	C.C	C.C		0.0	0.0
76	0.0	C.C	C.C		0.0	0.0
75	0.0	C.C	C.C		0.0	0.0
74	C.C	C.C	C.C		0.0	0.0
73	0.0	C.C	C.C		0.0	0.0
72	0.0	C.C	C.C		0.0	0.0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENCE TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	II6S DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
71	C-0	C-0	C-0		0-0	0-0
70	0-0	C-0	0-0		0-0	0-0
69	0-0	C-0	0-0		0-0	0-0
68	0-0	C-0	C-0		0-0	0-0
67	C-0	C-0	C-0		0-0	0-0
66	0-0	0-0	0-0		0-0	0-0
65	C-0	C-0	C-0		0-0	0-0
64	C-0	C-0	C-0		0-0	0-0
63	C-0	C-0	C-0		0-0	0-0
62	0-0	C-0	C-0		0-0	0-0
61	0-0	0-0	C-0		0-0	0-0
60	0-0	C-0	C-1	0-0	0-0	0-0
59	0-0	C-0	0-1	0-0	0-0	0-0
58	0-0	C-0	C-1	0-0	0-0	0-0
57	0-0	C-0	C-0	0-0	0-0	0-0
56	0-0	C-0	C-1	0-0	0-0	0-0
55	0-0	0-0	C-1	0-0	0-0	0-0
54	C-0	C-0	C-0	0-0	0-0	0-0
53	0-0	C-0	0-1	0-0	0-0	0-0
52	0-0	C-0	C-0	0-0	0-0	0-0
51	C-0	C-0	C-1	0-0	0-0	0-0
50	0-0	-C-1	C-1	0-0	0-0	0-0
49	0-0	-C-1	C-1	0-0	0-0	0-0
48	0-0	-C-1	0-1	0-0	0-0	0-0
47	0-0	-C-1	C-1	0-0	0-0	0-0
46	0-0	-C-1	C-1	0-0	0-0	0-0
45	0-0	C-0	C-1	0-0	0-0	0-0
44	0-0	C-0	C-1	0-1	0-0	0-0
43	0-0	C-0	0-1	0-2	0-0	0-0
42	0-0	-0-1	C-1	0-2	0-0	0-1
41	0-0	-0-1	C-1	0-1	0-0	0-1
40	0-0	-0-1	C-1	0-0	0-0	0-1
39	-0-1	-C-1	C-1	0-0	0-0	0-1
38	-0-1	-C-1	C-1	0-1	0-0	0-0
37	-0-2	-C-1	C-2	0-1	0-0	0-0
36	-0-2	-C-1	C-2	0-1	0-0	0-0
35	-0-1	-C-1	C-2	0-0	C-1	0-0
34	0-0	-C-1	0-2	C-0	C-1	0-1
33	0-0	C-0	C-2	C-1	C-1	0-1
32	0-0	C-1	C-1	0-1	0-0	0-0
31	0-0	C-1	0-0	0-1	0-0	0-0
30	0-0	0-0	C-0	0-0	0-0	0-0
29	0-1	C-1	C-1	0-0	C-1	0-0
28	0-0	C-0	C-1	-0-1	0-1	0-1
27	0-0	C-0	C-1	-0-1	0-0	0-0
26	0-0	C-0	C-0	-0-1	0-1	0-1
25	0-1	0-0	C-0	0-0	0-0	0-0
24	0-1	C-1	C-0	-0-1	0-0	0-0
23	0-0	C-0	0-0	0-0	0-1	0-0
22	0-0	0-0	-0-1	0-0	0-1	0-0
21	0-0	C-1	-0-1	0-0	0-1	0-0

ANCHOR TEST OPERATIONAL EQUIPERCENTILE DIFFERENTIAL TABLES (CYCLE 4 - CYCLE 3) FOR PROCEDURE 2 GRADE 6 TOTAL
MAIN ANALYSIS

RAW SCORE	CAT DIFF	CIBS DIFF	ITBS DIFF	STEP II DIFF	SRA DIFF	SAT DIFF
20	0.1	C.1	-C.1	-C.1	0.0	0.0
19	0.0	C.0	-C.1	0.0	0.0	0.0
18	0.0	C.0	-C.3	0.0	0.0	0.0
17	0.0	C.0	-C.3	0.0	0.0	-0.1
16	0.0	C.0	-C.3	-0.1	0.0	-0.1
15	0.0	C.0	-C.2	-0.1	0.0	-0.1
14	-0.1	C.0	-C.2	-0.1	-0.1	-0.1
13	-0.2	-C.1	-C.2	0.0	-0.1	-0.1
12	-0.2	-C.2	-C.1	-C.1	0.0	-0.1
11	-0.1	-C.2	-C.1	-C.1	-C.1	-0.1
10	-0.2	-C.4	-C.1	-C.1	-0.1	-0.1
9	-0.1	-0.4	C.0	-0.1	-0.1	0.0
8	-0.1	-C.5	C.0	0.0	0.0	0.0
7	0.0	-C.5	C.1	0.0	0.0	0.0
6	-0.1	-C.7	C.1	0.0	-0.1	0.0
5	0.0	-C.7	C.1	0.0	0.0	0.0
4	0.0	-C.7	C.2	0.0	0.0	0.0
3	0.1	-C.8	C.2	0.1	0.0	0.0
2	0.0	-C.9	C.0	0.0	0.0	0.0
1	0.1	-1.0	C.0	0.0	0.1	0.0
0	0.1	-1.0	C.0	0.0	0.0	0.0